

Standards for Technology in Automotive Retail

Implementation Guidelines
Cancel Retail Delivery Reporting
Repository Version Rev4.5.4

Table of Contents

Overview	
Schema Field Usage	
Business Scenario	2
Relationship Diagram	3
Schema Document Properties	4
Components and Data Types	5
Address	5
AddressBase	6
AlternatePartyId	7
<u>Amount</u>	
AnnualPercentageRate	8
ApplicationArea	8
ApprovedAmount	9
BalanceAmount	
BalloonResidualAmount	10
BalloonResidualPercentage	
BaseInterestRate	
BrandedInfo	
BrandingStateCode	
BusinessObjectDocument	
BuyerDemographics	
<u>Cancel</u>	
CancelRetailDeliveryReporting	
CancelRetailDeliveryReportingDataArea	
CodeType	
ConfirmableVerb	
ContactBase	
ContractDeductible	
ContractExpirationDistance	
ContractId	
ContractInstallments	
ContractOptionDescription	21

<u>ContractPlanDescription</u>	22
ContractPlanOption	22
ContractStartMileage	23
ContractTermMileage	23
Count	24
Coupon	24
CouponDescription	25
CouponDiscountAmount	25
CouponId	26
<u>CreditContractCoupon</u>	26
DealerExtendedAddress	27
DealerPartyBase	28
<u>DeliveryMileage</u>	29
DemoCount	
<u>Description</u>	29
Destination	30
DiscountPercentage	
DMSCustomerId	32
DocumentId	32
DoorsQuantity	33
DownPaymentAmount	33
Engine Description	33
ExpandedOption	34
ExpandedVehicle	
FinalAmount	39
FinancePlan	40
FleetVehicleId	40
FullServiceContract	41
HeaderBase	43
<u>ld</u>	44
IncentivesForCashCustomerAmt	44
IndividualBuyerParty	45
IndividualBuyerPartyExtended	46

<u>IndividualOwnerParty</u>	48
IndividualPartyAddress	49
IndividualPartyAlternatePartyId	
IndividualPartyBase	50
IndividualPartyContact	51
IndividualPartyContactEMail	52
IndividualPartyContactFax	53
IndividualPartyContactTelephoneNumber	53
IndividualPartyPersonName	54
InitiativeId	55
<u>ltemId</u>	55
<u>LienholderParty</u>	56
LocationId	
MarketingInitiatives	57
MaximumRentalAmount	58
Measurement	58
<u>Mileage</u>	
NetAnnualPercentageRate	
NewFinancing	
NonTaxableAmount	61
Option	_
OptionBase	
OptionCost	63
OptionMSRP	
OptionPackageId	
OptionPrice	_
OptionType	
OrganizationAddress	
OrganizationalBuyerParty	
OrganizationalBuyerPartyExtended	
OrganizationalOwnerParty	
OrganizationalOwnerPartyExtended	_
OrganizationalPartyAlternatePartyId	71

<u>OrganizationContact</u>	72
OrganizationContactExtended	73
OrganizationContactPersonName	74
OrganizationPartyBase	75
OrganizationPartyEmail	75
OrganizationPartyFax	76
OrganizationPartyTelephone	76
PartyBase	
Partyld	77
PaymentAmount	
Percent	78
PlanBasePrice	79
PlanOptionPrice	79
Privacy	
ProgramsAndRates	80
PurchaseNetPrice	82
PurchasePrice	83
Rating	83
RatingIndex	
RDRDealerExtendedAddress	
RegistrationState	85
ReimbursementAmount	
Reimbursementld	86
RentalAllowance	86
ResidualAmount	
RestrictionDescription	87
RetailDeliveryReporting	
RetailDeliveryReportingHeader	88
SalesPersonAddress	91
SalesPersonParty	
SecondaryDealerNumber	92
Sender	
SenderBase	95

<u>ServiceContractBase</u>	97
ServiceContractStatus	98
Serviceld	
ServiceTechnician	99
<u>Signature</u>	
SoldFinancing	
SoldServiceContract	103
SoldVehicle	
SpecialProgramDescription	112
SpecialProgramDetail	112
<u> </u>	
<u>TaxAmount</u>	
TaxDescription	
<u>TaxRate</u>	
<u>TechnicianBase</u>	
<u>Term</u>	116
<u> </u>	
TotalContractAmount	
TotalDealerAmount	
TotalPlanOptionPrice	_
TotalTaxableAmount	119
TowingAllowance	
<u>TradeIn</u>	120
<u>TradeInMileage</u>	
<u>UnitSalesTaxAmount</u>	121
<u>UpfrontMileageRate</u>	
<u>UpfrontMiles</u>	
<u>UpfrontMilesAmount</u>	123
<u>Vehicle</u>	123
<u>VehicleBase</u>	
<u>VehicleWeight</u>	126
<u>Verb</u>	127
<u>Warranty</u>	127

WarrantyBase 13 WarrantyEndMileage 13 WarrantyTypeDescription 13 AccountingDate 13 AcquisitionMethod 13 AddressLine 13 AddressQualifier 13 AssigningOrganizationPartyId 13 AssigningOrganizationPartyId 13 AssigningOrganizationNumber 13 AuthorizationNumber 13 AuthorizationFaction 13 BirthDate 13 BodyStyle 13 BrandedTitleDate 13 BrandedTitleDate 13 BrandingSource 13 BrandingStateReference 13 CertifiedPreownedInd 13 City 13 Condect 13 CompanyName 14 Condition 14 ContactTelephoneNumberOsganizationDescription 14 ContactTelephoneNumberOrganizationDescription 14 ContactTime 144	WarrantyAdditional	128
WarrantyTypeDescription 132 WarrantyTypeDescription 133 AccountingDate 133 AcquisitionMethod 133 AddressLine 133 AddressQualifier 133 AssigningOrganizationPartyld 134 AssigningPartyld 135 AstleCode 136 BirthDate 136 BirthDate 136 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 136 BrandingStateReference 136 CertifiedPreownedInd 136 City 138 CommanyName 136 CompanyName 140 ContactTelephoneNumberDescription 144 ContactTelephoneNumberOrganizationDescription 144 ContactTelephoneNumberOrganizationDescription 144	WarrantyBase	130
WarrantyTypeDescription 132 AccountingDate 133 AcquisitionMethod 133 Address Qualifier 133 ApprovedInd 134 AssigningOrganizationPartyId 135 AssigningPartyId 135 AuthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 136 BrandingStateReference 136 CertifiedPreownedInd 137 City 136 Code 136 CompanyName 140 Condition 140 ContactTelephoneNumberDescription 144 ContactTelephoneNumberOrganizationDescription 144 ContactTelephoneNumberOrganizationDescription 144	WarrantyEndMileage	131
AccountingDate	WarrantyStartMileage	132
AccountingDate	WarrantyTypeDescription	132
AccountingDate 133 AcquisitionMethod 133 AddressLine 133 AddressQualifier 133 ApprovedInd 134 AssigningOrganizationPartyId 135 AssigningPartyId 135 AssigningPartyId 136 AuthorizationNumber 136 AkleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 136 BrandingStateReference 136 CertifiedPreownedInd 136 City 136 Code 137 Conde 136 CompanyName 140 Confliction 140 ConfictTelephoneNumberDescription 144 ContactTelephoneNumberOrganizationDescription 144 ContactTelephoneNumberOrganizationDescription 144		
AccountingDate 133 AcquisitionMethod 133 AddressLine 133 ApprovedInd 134 AssigningOrganizationPartyId 135 AssigningPartyId 135 AuthorizationNumber 136 AuthorizationNumber 136 BirthDate 136 BirthDate 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 136 City 138 Code 139 CommercialUsageInd 139 CompanyName 140 Conficion 140 ConfirmType 140 ContactTelephoneNumberOescription 141 ContactTelephoneNumberOrganizationDescription 141 ContactTelephoneNumberOrganizationDescription 141		
AcquisitionMethod 133 AddressLine 133 AddressQualifier 13 ApprovedInd 134 AssigningOrganizationPartyld 135 AssigningPartyld 135 AuthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleInd 137 BrandingSource 136 BrandingSource 136 BrandingStateReference 136 CertifiedPreownedInd 136 City 136 Code 136 CommercialUsageInd 136 CompanyName 140 Confliction 140 ConfictTelephoneNumberDescription 144 ContactTelephoneNumberOrganizationDescription 144 ContactTelephoneNumberOrganizationDescription 144		
AddressLine 133 AddressQualifier 133 ApprovedInd 134 AssigningOrganizationPartyId 135 AssigningPartyId 135 AuthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 136 BrandingStateReference 136 CertifiedPreownedInd 136 City 136 Code 138 CommercialUsageInd 139 CommercialUsageInd 139 CompanyName 140 Confiction 140 ConfirmType 140 ContactTelephoneNumberDescription 141 ContactTelephoneNumberOrganizationDescription 141 ContactTelephoneNumberOrganizationDescription 141	AccountingDate	133
AddressQualifier 133 ApprovedInd 134 AssigningOrganizationPartyId 135 AssigningPartyId 135 AsthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 136 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 Confinitype 140 Confinitype 140 ContractTelephoneNumberDescription 141 ContactTelephoneNumberOrganizationDescription 141	AcquisitionMethod	133
ApprovedInd 134 AssigningOrganizationPartyId 135 AssigningPartyId 135 AuthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 138 BrandingStateReference 136 CertifiedPreownedInd 136 City 136 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 141 ContactTelephoneNumberDescription 149 ContactTelephoneNumberOrganizationDescription 141	AddressLine	133
ApprovedInd 134 AssigningOrganizationPartyId 135 AssigningPartyId 135 AuthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 138 BrandingStateReference 136 CertifiedPreownedInd 136 City 136 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 141 ContactTelephoneNumberDescription 149 ContactTelephoneNumberOrganizationDescription 141	AddressQualifier	133
AssigningOrganizationPartyId 135 AssigningPartyId 135 AuthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 136 City 138 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 141 ContactTelephoneNumberDescription 144 ContactTelephoneNumberOrganizationDescription 144		
AuthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 138 City 138 Code 138 Code 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberOrganizationDescription 141 ContactTelephoneNumberOrganizationDescription 141	AssigningOrganizationPartyId	135
AuthorizationNumber 136 AxleCode 136 BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 138 City 138 Code 138 Code 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberOrganizationDescription 141 ContactTelephoneNumberOrganizationDescription 141		
BirthDate 136 BodyStyle 137 BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 138 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 ConfirmType 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141		
BodyStyle 137 BrandedTitleDate 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 138 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141	AxleCode	136
BodyStyle 137 BrandedTitleDate 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 138 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141	BirthDate	136
BrandedTitleDate 137 BrandedTitleInd 137 BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 138 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141		
BrandingSource 138 BrandingStateReference 138 CertifiedPreownedInd 138 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141		
BrandingStateReference 138 CertifiedPreownedInd 138 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141	BrandedTitleInd	137
BrandingStateReference 138 CertifiedPreownedInd 138 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141	BrandingSource	138
CertifiedPreownedInd 138 City 139 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141		
City 139 Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141		
Code 139 CommercialUsageInd 139 CompanyName 140 Condition 140 ConfirmType 140 ContactTelephoneNumberDescription 140 ContactTelephoneNumberOrganizationDescription 141		
CommercialUsageIndCompanyName140Condition140ConfirmType140ContactTelephoneNumberDescription140ContactTelephoneNumberOrganizationDescription141		
CompanyName140Condition140ConfirmType140ContactTelephoneNumberDescription140ContactTelephoneNumberOrganizationDescription141		
ConfirmType		
ConfirmType	Condition	140
ContactTelephoneNumberDescription		
ContactTelephoneNumberOrganizationDescription141		
ContactTime		
	ContactTime	141

<u>ContractCompanyName</u>	142
<u>ContractEffectiveDate</u>	142
<u>ContractExpirationDate</u>	142
ContractLanguageCode	142
ContractLienInd	149
ContractNote	149
ContractOptionCode	150
<u>ContractOptionEndDate</u>	150
<u>ContractOptionStartDate</u>	150
ContractOwnerName	150
ContractPlanCode	151
ContractPlanStates	151
ContractRegistrationDate	151
ContractStartDate	151
ContractTransferInd	152
ContractTransferredInd	152
ContractTripInterruptInd	152
ContractType	153
Country	153
<u>County</u>	165
CouponComment	165
CoverageCode	166
<u>Currency</u>	166
<u>Date</u>	173
<u>DateTime</u>	174
<u>DBAName</u>	
DealerInstallationInd	174
DealerName	174
<u>DealerTransferDate</u>	
Decimal	
<u>DelayedInspectionCode</u>	
<u>DeliveryDate</u>	175
<u>DiscountRate</u>	176

<u>DistrictCode</u>	. 176
DocumentDateTime	. 176
DoorKeyNumber	.176
<u>DriverAction</u>	
EmployeeDiscountInd	. 177
Engine Displacement	. 177
EngineNumber	. 178
ExpirationDate	. 178
ExteriorColor	. 178
ExteriorColorCode	. 179
<u>FamilyName</u>	. 179
<u>FinalPaymentDate</u>	
FinanceCompanyName	. 179
FinanceType	
FirstDayRentalInd	
FirstTimeBuyerInd	
FleetAccount	. 181
FleetPurchaseOrderNumber	. 181
FormattedName	. 181
<u>Gender</u>	. 182
<u>GivenName</u>	. 182
<u>HomeWork</u>	. 182
gnitionKeyNumber	
ndicator	
nitiativeDate	
nitiativeType	
nsuranceCompanyName	
nteriorColor	. 184
nteriorColorCode	. 184
ssuingState	. 185
<u>_anguage</u>	
<u>LeaseBuyMoneyFactor</u>	_
<u>LicenseNumber</u>	. 192

	192
LocationDescription	193
LowMileageOption	193
Make	193
Manufacturer	194
ManufacturerInstalledInd	194
MarketCode	194
MarketingMailInd	195
MasterShieldInd	195
MaturityDate	195
<u>MiddleName</u>	196
MileageMeasure	196
MiscellaneousCode	196
MiscellaneousNotes	196
Model	197
Model Description	197
ModelYear	197
Name	198
NoChargeInd	198
NonUSVehicleInd	198
Note	199
OdometerStatus	199
OptionName	199
OptionNotes	
OptionOrigin	200
OptionSalesCode	200
OptionSecurityCode	200
OptionSerialNumber	200
OptionStockNumber	201
OriginalInServiceDate	201
OriginalLeaseRateMoneyFactor	
PartType	
PaymentMethod	202

PDIDate	203
PortInstalledInd	203
PostalCode	
PreApprovedProgramName	203
PreferredContactMethod	204
PreferredContactMethodOrganization	204
PreferredLanguage	205
PrimaryContactInd	212
PrimaryDriverInd	212
PrivacyInd	212
PrivacyType	213
PromotionalRateInd	213
ReceiptNumber	213
Reference	214
Reference Number	214
ReimbursementComment	214
ReimbursementPayee	214
RelationshipCode	215
RestrictionInd	215
RoadHazardInd	215
RoadsideAssistanceInd	
SaleCategory	216
SaleClass	216
SalesDate SalesDate	
SaleSubCategory	217
Salutation	218
SecondaryPassword	218
SecurityCode	218
SellingSource	218
SerialNumber	219
ShortMfg	219
SortName	
SpecialPrograms	

StateOrProvince	220
StatusCode	220
StatusText	
StatusType	
SubventionCode	222
Suffix	223
SystemVersion	223
<u>TaxabilityInd</u>	223
TaxType	224
TaxTypeld	
<u>TeamName</u>	227
TechnicianName	227
TechnicianSkillArea	227
TechnicianSkillLevel	228
TelematicsServiceInd	228
TermLength	228
<u>Text</u>	
TireLocation	229
<u>TireSerialNumber</u>	229
TradeInOffLeaseCode	230
<u>TransmissionCode</u>	230
<u>TransmissionType</u>	230
<u>TrimCode</u>	231
<u>Туре</u>	
<u>UrbanizationCode</u>	232
<u>URI</u>	232
VehicleArrivalDate	232
VehicleDemoInd	233
VehicleNote	
VehicleStock	233
<u>VIN</u>	233
WarrantyExpirationDate	234
WarrantyNotes	234

	ng	
WarrantyStartDate	<u>e</u>	234
WarrantyStatus		235
WarrantyTransfer	<u>'Ind</u>	235
Fields and Global Attrib	outes	237
ApplicationArea		237
Cancel		237
CancelRetailDeliv	veryReporting	238
RetailDeliveryRep	porting	240
Vehicle		240
Verb		242

Cancel Retail Delivery Reporting Guidelines

Overview

This document is a guideline on how to use the Cancel Retail Delivery Reporting Business Object Document (BOD). Cancel Retail Delivery Reporting has been defined in the context of STAR for the Automotive Retail Industry. The scope of this BOD is to define the Cancel Retail Delivery Reporting process for individual consumers who service their automobiles through their OEM's authorized Dealers. The focus is on Dealer and OEM interactions, not third party organizations. NOTE: Although this is the traditional use of the Cancel Retail Delivery Reporting, this BOD could be used to send Cancel Retail Delivery Reporting information between any two business parties.

Implementation Guidelines provide detailed information regarding the structure and meaning of the Cancel Retail Delivery Reporting BOD and corresponds directly to the Cancel Retail Delivery Reporting schema. In addition to structure and meaning, the Implementation Guidelines identify various business rules for specific fields/components that due to their nature, i.e. field interdependence, are not possible to express using schema. Please note that although these business rules are not included in the schema, they <u>MUST</u> be followed to be STAR Compliant. Therefore, the Cancel Retail Delivery Reporting Implementation Guidelines must be used in concert with the Cancel Retail Delivery Reporting schema during development and should <u>NOT</u> be considered a supplement or substitution to the schema. For more information regarding STAR XML Data Compliance, please review the STAR Data Compliance Guidelines document located on the STAR Web site.

For a copy of the corresponding Cancel Retail Delivery Reporting schema, please download the appropriate STAR schema repository from the XML portion of the STAR website (www.starstandard.org). Prior to downloading the schema, users are encouraged to download the STAR XML Reference/Implementation document also located on the XML portion of the STAR website. This document provides an overview of the STAR BOD development methodology, how to download and read STAR schema, and various frequently asked questions related to the implementation of STAR BODs.

STAR has followed the Open Application Group's Business Object Document methodology to develop the Cancel Retail Delivery Reporting BOD. Where possible, STAR has mapped to existing OAGI fields and components. Note however that the STAR Cancel Retail Delivery Reporting BOD is unique to the Retail Automotive industry and is not an extension of any existing OAGIS BODs.

For more information on the Open Applications Group's BODs and related documentation please refer to the Open Applications Group's Web site at (www.openapplications.org).

Schema Field Usage

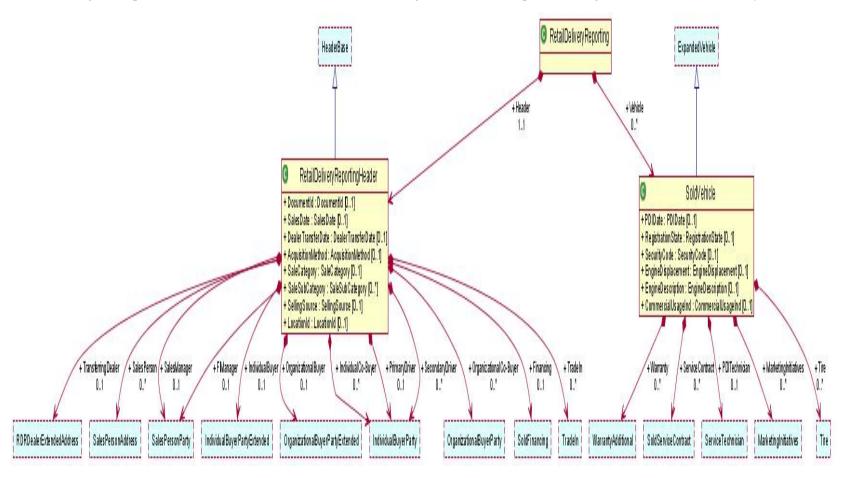
STAR uses the same Noun in the schema for all the Noun/Verb combinations of the Cancel Retail Delivery Reporting except the Get verb. Please refer to each Noun/Verb combination within this document to understand the requirements for each specific BOD. Although the Noun will always have every field defined for the Noun in the schema, each Noun/Verb combination may not use all of the fields. If a field is not used by a BOD, it will be noted in the business rules.

Business Scenario

The Retail Delivery Reporting Binary Collaboration starts with the transmission of the retail delivery report from a dealer to a lender. This submission may be done multiple times. The lender then verifies the contract and responds. This process occurs on demand as is needed. Note: This scenario is an example of how the Credit Contract BOD can be used. Implementations may vary.

Relationship Diagram

The following is a representation of the Noun for this BOD. It is a high level overview provided to give an idea of the hierarchy of the Noun's components.



Schema Document Properties

Declared Namespaces

A schema can contain more than one namespace. According to Whatis.com, "In general, a namespace uniquely identifies a set of names so that there is no ambiguity when objects having different origins but the same names are mixed together." An example would be two namespaces that both defined an element called ID, without a namespace it would be impossible to determine which definition was being used.

Prefix	Namespace
Default namespace	http://www.starstandards.org/STAR
xml	http://www.w3.org/XML/1998/namespace
xsd	http://www.w3.org/2001/XMLSchema

Components and Data Types

Global definitions include components, code lists, and data types. Components are used to build the data structures that make up a Noun and it's requirements. Data types specify the type of data that a component's fields may contain. Not all definitions are included in this documentation. Please see either the STAR Code List guideline or Data Type Guidelines for further information.

Address

Name	Address
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
qualifier		R	

Data Elements and Components

Field / Component	Description		Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the street name and number.	R	
City	Is the City of the Address.	R	
County	County in which the Address is in.	О	
StateOrProvince	Is the State or Province of a given Address.	R	
Country	Country in which the Address is in.	R	
PostalCode	Postal Code of the Address.	R	

XML Instance Representation

<...

AddressBase

Name	AddressBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the street name and number.	; R	
City	Is the City of the Address.	R	
County	County in which the Address is in.	O	
StateOrProvince	Is the State or Province of a given Address.	R	
Country	Country in which the Address is in.	R	
PostalCode	Postal Code of the Address.	R	

XML Instance Representation

```
<...>
    <AddressLine> AddressLine </AddressLine> [1..*]
    <City> City </City> [1]
    <County> County </County> [0..1]
    <StateOrProvince> StateOrProvince </StateOrProvince> [1]
    <Country> Country </Country> [1]
```

<PostalCode> PostalCode </PostalCode> [1] </...>

AlternatePartyld

Name	AlternatePartyId
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Id	Alternate Party Identification	R	

XML Instance Representation

Amount

Based on OAGI Amount. Simple content with the currency as an attrbute

Name	Amount
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
currency		R	

XML Instance Representation

<			
currency="Currency	[1]">		

xsd:decimal </...>

AnnualPercentageRate

These field(s) use this type: **AnnualPercentageRate.**

Annual percentage rate.

Name AnnualPercentageRate

Abstract no

XML Instance Representation



ApplicationArea

These field(s) use this type: **ApplicationArea**.

Name ApplicationArea
Abstract no

Field / Component	Description R/C	0	Business Rule
Sender	Identifies characteristics and control identifiers that relate to the R application that created the Business Object Document. The sender area can indicate the logical location of the application and/or database server, the application, and the task that was processing to create the BOD.		
CreationDateTime	is the date time stamp that the given instance of the Business Object R Document was created. This date must not be modified during the life of the Business Object Document.		DateTime fields must be formatted as XML Schema Datetimes in UTC/GMT format without offsets. Example: 2003-11-05T13:15:30Z

Field / Component	Description	R/O	Business Rule
Signature	If the BOD is to be signed the signature element is included, otherwise is not. Signature supports any digital signature that maybe used implementation of OAGIS. The qualifying Agency identifies the that provided the format for the signature. This element support digital signature specification that is available today and in the This is accomplished by not actually defining the content but by the implementation to specify the digital signature to be used viexternal XML Schema namespace declaration. The Signature elefined to have any content from any other namespace. This all user to carry a digital signature in the xml instance of a BOD. To find the digital signature to use is left up to the user and their in needs.	by an e agency es any future. y allowing a an lement is ows the The choice	
BODId	The BODId provides a place to carry a Globally Unique Identif (GUID) that will make each Business Object Document instance uniquely identifiable. This is a critical success factor to enable a developers to use the Globally Unique Identifier (GUID) to buil following services or capabilities: 1. Legally binding transaction Transaction logging, 3. Exception handling, 4. Re-sending, 5. R 6. Confirmations, 7. Security.	software ld the ns, 2.	
Destination	Information related to the receiver of the BOD	R	See Destination Component.

XML Instance Representation

ApprovedAmount

These field(s) use this type: **ApprovedAmount.**

Amount pre-approved

Name ApprovedAmount

Abstract no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

BalanceAmount

These field(s) use this type: **BalanceAmount.**

Remaining balance on Current Vehicle

Name BalanceAmount

Abstract no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

BalloonResidualAmount

These field(s) use this type: **BalloonResidualAmount.**

The estimated amount of the vehicle at contract end.

Name BalloonResidualAmount

Abstract no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

BalloonResidualPercentage

These field(s) use this type: **BalloonResidualPercentage.**

The estimated percent of value at contract end

Name	BalloonResidualPercentage
Abstract	no

XML Instance Representation



BaseInterestRate

These field(s) use this type: **BaseInterestRate.**

The base interest rate before any pre-paid interest or additional costs of financing.

Name	BaseInterestRate
Abstract	no

XML Instance Representation

```
<...>
    Percent
</...>
```

BrandedInfo

These field(s) use this type: **BrandedInfo.**

N	ame	BrandedInfo
A	bstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
BrandedTitleInd	This tag indicates if a vehicle's title has been branded. (i.e., vehicle totaled and state registration title branded as such)	О	Values: 1 - Yes. 0 - No.
BrandedTitleDate	Branding Date	0	In YYYY-MM-DD format.
BrandingStateCode	Branding State Code	O	
BrandingStateReference	Branding State Reference Number	O	
BrandingSource	Branding source $\tilde{A}\#\hat{A}\phi\hat{A}\#\hat{A}\#$ (i.e., source who says that the vehicle is branded)	О	

XML Instance Representation

BrandingStateCode

These field(s) use this type: **BrandingStateCode.**

Branding State Code

Name	BrandingStateCode
Abstract	no

XML Instance Representation

<...>
StateOrProvince
</...>

BusinessObjectDocument

Name	BusinessObjectDocument
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
revision	This should contain the STAR repository version in the following recommended format. 4.2.1_M20080416. Where the first part indicates the version of the STAR repository and anything after the _ indicates the Milestone build that is being used. If referring to an official published version then only the STAR Repository version is required.	0	
release	Indicates the OAGIS release that this BOD belongs.	О	
environment	Indicates whether this BOD is being sent in a "Test" or a "Production" mode. If the BOD is being sent in a test mode, it's information should no affect the business operation. However, if the BOD is sent in "Production" mode it is assumed that all test has been complete and the contents of the BOD are to affect the operation of the receiving business application(s).		
lang	Indicates the language that the contents of the BOD is in unless otherwise stated.	0	
bodVersion	Deprecated as of STAR 4.2.2. It is recommended to use the revision attribute to identify the repository and the noun. May be removed in a new major version of the STAR repository. Indicates the version numbe of the BOD.	O r	

Field / Component	Description	R/O	Business Rule
ApplicationArea	Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of. Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.		

XML Instance Representation

```
<...
revision="Text [0..1]"
release="8.1-Lite [0..1]"
environment="Text [0..1]"
lang="Language [0..1]"
bodVersion="Text [0..1]">
    <ApplicationArea> ... </ApplicationArea> [1]
    </...>
```

BuyerDemographics

These field(s) use this type: **Demographics.**

Name	BuyerDemographics
Abstract	no

Field / Component	Description	R/O	Business Rule
Gender	Gender of party	О	Values: M - Male. F - Female
Language	Business party native language	О	

Field / Component	Description	R/O	Business Rule
BirthDate	Birth date of party	0	In YYYY-MM-DD format.
FirstTimeBuyerInd	Identifies customer as first time buyer	0	Values: 1 - First Time Buyer. 0 - Not a First Time Buyer.
PreferredLanguage	Customer's preferred language	О	

XML Instance Representation

Cancel

These field(s) use this type: **Cancel.**

Name	Cancel
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Verb		R	

XML Instance Representation

```
<...
confirm="ConfirmType [0..1]"/>
```

CancelRetailDeliveryReporting

These field(s) use this type: **CancelRetailDeliveryReporting.**

Name	CancelRetailDeliveryReporting
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
ApplicationArea	Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of. Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.	,	
DataArea		R	

XML Instance Representation

CancelRetailDeliveryReportingDataArea

These field(s) use this type: **DataArea**.

Name	CancelRetailDeliveryReportingDataArea
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Cancel	The Cancel verb is used when the sender of the BOD is not the owner the data, but is sending a request for the document to be canceled. An example is the Cancel PO where the business implications must be calculated and a simple data processing term such as delete can not full convey the business meaning and required processing associated with the meaning.	у	
RetailDeliveryReporting		R	

XML Instance Representation

```
<...>
    <Cancel> ... </Cancel> [1]
    <RetailDeliveryReporting> ... </RetailDeliveryReporting> [1..*]
    </...>
```

CodeType

Unique code name

Name	CodeType
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
listID		О	

Field / Component	Description	R/O	Business Rule
listName		O	
listAgencyID		О	
listAgencyName		О	
listVersionID		O	
listURI		O	

XML Instance Representation

```
<...
listID="xsd:token [0..1]"
listName="xsd:string [0..1]"
listAgencyID="xsd:token [0..1]"
listAgencyName="xsd:string [0..1]"
listVersionID="xsd:token [0..1]"
listURI="xsd:anyURI [0..1]"
xsd:string
</...>
```

ConfirmableVerb

Name	ConfirmableVerb
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
confirm		R	

Field / Component	Description	R/O	Business Rule
Verb		R	

XML Instance Representation

<... confirm="ConfirmType [0..1]"/>

ContactBase

Name	ContactBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Telephone	Contact telephone numbers	О	
EMailAddress	Contact Email addresses	О	
Fax	Contact Fax numbers	О	
PreferredContactMethod	Preferred contact method	О	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	О	
PrimaryContactInd	Indicates if contact is primary contact	O	Values: 0 - Not Primary Contact. 1 - Primary Contact.

XML Instance Representation

<Telephone> IndividualPartyContactTelephoneNumber </Telephone> [0..*]
<EMailAddress> IndividualPartyContactEMail </EMailAddress> [0..*]

<Fax> IndividualPartyContactFax /Fax> [0..*]

<PreferredContactMethod> PreferredContactMethod </preferredContactMethod> [0..1]

<ContactTime> ContactTime </ContactTime> [0..1]

```
<PrimaryContactInd> PrimaryContactInd </PrimaryContactInd> [0..1] </...>
```

ContractDeductible

These field(s) use this type: **ContractDeductible.**

Amount of Contract Deductible

Name	ContractDeductible
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

ContractExpirationDistance

These field(s) use this type: **ContractExpirationDistance.**

The odometer reading (distance) of the vehicle when the service contract expires.

Name	ContractExpirationDistance
Abstract	no

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
Mileage
</...>
```

ContractId

These field(s) use this type: **ContractId.**

Identification of Contract

Name ContractId

Abstract no

XML Instance Representation

<...> Id </...>

ContractInstallments

These field(s) use this type: **ContractInstallments.**

Number of months of payments (Ex: 1,5,11,17).

Name ContractInstallments

Abstract no

XML Instance Representation

<...> Count </...>

ContractOptionDescription

These field(s) use this type: **ContractOptionDescription.**

Description of the plan option.

Name ContractOptionDescription

Abstract no

XML Instance Representation

<...

```
language="Language [0..1]">
Description
</...>
```

ContractPlanDescription

These field(s) use this type: **ContractPlanDescription.**

Description of contract plan. Example: 36 MONTH/36000 MILE"

Name	ContractPlanDescription
Abstract	no

XML Instance Representation

```
<...
language="Language [0..1]">
Description
</...>
```

ContractPlanOption

These field(s) use this type: **ContractPlanOption.**

The Contract Plan Options.

Name	ContractPlanOption
Abstract	no

Field / Component	Description	R/O	Business Rule
ContractOptionStartDate	The date the contract option takes effect.	О	In YYYY-MM-DD format.
ContractOptionEndDate	The date the contract option expires.	О	In YYYY-MM-DD foramt.
ContractOptionCode	Unique Identifier for a Plan Option.	0	

Field / Component	Description	R/O	Business Rule
ContractOptionDescription	Description of the plan option	О	
PlanOptionPrice	The suggested sale price of the plan option	О	

XML Instance Representation

ContractStartMileage

These field(s) use this type: **ContractStartMileage.**

Odometer reading when contract becomes effective

Name	ContractStartMileage
Abstract	no

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
Mileage
</...>
```

ContractTermMileage

These field(s) use this type: **ContractTermMileage,ContractTermMileage.**

Mileage allowed under terms of contract

Name Contra	actTermMileage
-------------	----------------

Abstract

no

XML Instance Representation

<...
uom="MileageMeasure [0..1]">
Mileage
</...>

Count

Simple quantity type with no attributes

Name Count
Abstract no

XML Instance Representation

<...>
xsd:integer
</...>

Coupon

Name	Coupon
Abstract	no

Field / Component	Description	R/O	Business Rule
CouponId	Identification of Coupon dealership service application	O	
CouponDescription	Text identification of Coupon	О	
CouponDiscountAmount	Credit Price for coupons	О	

Field / Component	Description	R/O	Business Rule
CouponComment	Comments associated with the coupon (e.g., Please rotate tire to front left).	O	

XML Instance Representation

CouponDescription

These field(s) use this type: **CouponDescription.**

Text identification of Coupon

Name	CouponDescription
Abstract	no

XML Instance Representation

```
<...
language="Language [0..1]">
Description
</...>
```

CouponDiscountAmount

These field(s) use this type: **CouponDiscountAmount.**

Credit Price for coupons

Name	CouponDiscountAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

CouponId

These field(s) use this type: **CouponId.**

Identification of Coupon dealership service application

Name	Couponid
Abstract	no

XML Instance Representation



CreditContractCoupon

These field(s) use this type: **Coupon.**

Name	CreditContractCoupon
Abstract	no

Field / Component	Description	R/O	Business Rule
CouponId	Identification of Coupon dealership service application	О	
CouponDescription	Text identification of Coupon	О	
CouponDiscountAmount	Credit Price for coupons	O	

Field / Component	Description	R/O	Business Rule
CouponComment	Comments associated with the coupon (e.g., Please rotate tire to front left).	О	
DiscountPercentage	Percentage of discount.	О	

XML Instance Representation

DealerExtendedAddress

Name	DealerExtendedAddress
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
DealerName	Dealer name	O	
DistrictCode	Manufacturer Assigned District Code	O	
URI	Dealer URI	О	
ZoneCode	Manufacturer Assigned Zone Code	О	
Address	Dealer party address	О	

```
<...>
    <PartyId> PartyId </PartyId> [0..1]
    <DealerName> DealerName </DealerName> [0..1]
    <DistrictCode> DistrictCode </DistrictCode> [0..1]
    <URI> URI </URI> [0..1]
    <ZoneCode> ZoneCode </ZoneCode> [0..1]
    <Address> OrganizationAddress </Address> [0..1]
    </...>
```

DealerPartyBase

Name	DealerPartyBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
DealerName	Dealer name	O	
DistrictCode	Manufacturer Assigned District Code	O	
URI	Dealer URI	O	
ZoneCode	Manufacturer Assigned Zone Code	О	

```
<...>
    <PartyId> PartyId </PartyId> [0..1]
    <DealerName> DealerName </DealerName> [0..1]
    <DistrictCode> DistrictCode </DistrictCode> [0..1]
    <URI> URI </URI> [0..1]
    <ZoneCode> ZoneCode </ZoneCode> [0..1]
    </...>
```

DeliveryMileage

These field(s) use this type: **DeliveryMileage.**

Odometer reading of vehicle at time of delivery

Name	DeliveryMileage
Abstract	no no

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
Mileage
</...>
```

DemoCount

These field(s) use this type: **<u>DemoCount.</u>**

Number of times vehicle was driven as a demo.

Name	DemoCount
Abstract	no

XML Instance Representation

```
<...>
Count
</...>
```

Description

Description

Name	Description
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
language	The ISO language code that the description is written.	O	

XML Instance Representation

```
<...
language="Language [0..1]">
    xsd:string
</...>
```

Destination

These field(s) use this type: **Destination.**

Name	Destination
Abstract	no

Field / Component	Description	R/O	Business Rule
DestinationNameCode	Code for destination of file (i.e.Short Manufacturer or DSP code)	0	Must use a valid code from the ShortMfg/RSP list on http://www.starstandards.org
DestinationURI	Physical address of the destination	О	
DestinationSoftwareCode	Additional information about the destination application	О	
DestinationSoftware	For which software destination file is intended (may not be known).	О	
DealerNumber	Target Dealer Code receiving information	О	
StoreNumber	Dealer code store number (DMS assigned)	О	
AreaNumber	Dealer code area number (DMS vendor assigned)	О	

Field / Component	Description	R/O	Business Rule
DealerCountry	Target Dealer country location	0	
PartyId	The Party Id field uniquely identifies the Receiver of the mes element can be used for parties within the Automotive Commwell as external parties. Party Id is not intended as a replacem Dealer Number. Suggested formats for OEMs or other large i include: DUNs Number, ShortMfgCode + DUNs, or ShortMfgCode+Dealer Num	nunity as nent for the institutions fgCode. The	
LocationId	The Location Id field uniquely identifies the location of the Receiver of a O message. This Id may be aligned with a physical address or data centers. This field provides an additional level of granularity beyond the usage of the Party Id for additional routing and deliver of data.		
ServiceId	The Service Id field identifies the particular service to which is being sent, e.g., an inventory service.	a message O	

XML Instance Representation

DiscountPercentage

These field(s) use this type: **DiscountPercentage.**

Percentage of discount.

Name DiscountPercentage

Abstract no

XML Instance Representation



DMSCustomerId

These field(s) use this type: **DMSCustomerId.**

The DMS system assigned number associated with a customer entity

Name DMSCustomerId

Abstract no

XML Instance Representation



DocumentId

These field(s) use this type: **<u>DocumentId.</u>**

Is the identifier for the document.

Name DocumentId

Abstract no



</...>

DoorsQuantity

These field(s) use this type: **DoorsQuantity.**

Number of doors on vehicle

Name	DoorsQuantity
Abstract	no

XML Instance Representation

```
<...>
    Count
</...>
```

DownPaymentAmount

These field(s) use this type: **<u>DownPaymentAmount</u>**, **<u>DownPaymentAmount</u>**.

Down Payment amount or amount of cap cost reduction.

Name	DownPaymentAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

EngineDescription

These field(s) use this type: **EngineDescription.**

Text description of engine (e.g. dohc, 32 valves)

Name	EngineDescription
Abstract	no

XML Instance Representation

```
<...
language="Language [0..1]">
Description
</...>
```

ExpandedOption

These field(s) use this type: **Option.**

Name	ExpandedOption
Abstract	no

Field / Component	Description	R/O	Business Rule
OptionType	An option type for a vehicle or other component. Usually references an OEM supplied list of codes.	О	
OptionName	Name of vehicle option	О	
OptionStockNumber	Stock Number of Vehicle Option	О	
Manufacturer	Manufacturer of Vehicle Option	О	
OptionPrice	Price of Vehicle Option	О	
OptionSecurityCode	Security code to unlock option. (i.e, radio code)n	О	
ManufacturerInstalledInd	Indicates manufacturer-installed accessories	О	
OptionCost	Actual Dealer cost of option	О	
OptionMSRP	Option MSRP	О	

Field / Component	Description	R/O	Business Rule
OptionOrigin	Identifies the option installer	О	
OptionSerialNumber	Serial number of Option	O	
ItemId	Part number identifier of Option	O	
PartType	Specifies whether the parts are indicated by manufacturer part code or Part Number	О	
OptionNotes	Free form text related to option	О	
DealerInstallationInd	Dealer installed accessories, before delivery of vehicle - Could be used for new or used vehicle, if applicable	О	
MiscellaneousCode	Miscellaneous codes relating to vehicle (i.e., sales codes)	0	May occur multiple times.
OptionPackageId	Option package number or identifier used as a method for grouping option package items from manufacturer(s) Ex: OptPkg1,cost,OptPkg1; Item1,nocost,OptPkg1; Item2,nocost,Optpkg1; Item3,cost,nullOptPkg; OptPkg2,cost,Optpkg2; Item5,nocost,OptPkg2Ã#¢Â#Ã#Â	0	
OptionSalesCode	Further definition of accessories and option packages - Indicates whethe ordered option, special package, standard, etc.	er O	
PortInstalledInd	Indicates Port-installed accessories	О	

```
<OptionSerialNumber> OptionSerialNumber </OptionSerialNumber> [0..1]
<ItemId> ItemId </ItemId> [0..1]
<PartType> PartType </PartType> [0..1]
<OptionNotes> OptionNotes </OptionNotes> [0..1]
<DealerInstallationInd> DealerInstallationInd </DealerInstallationInd> [0..1]
<MiscellaneousCode> MiscellaneousCode </MiscellaneousCode> [0..*]
<OptionPackageId> OptionPackageId </OptionPackageId> [0..1]
<OptionSalesCode> OptionSalesCode </OptionSalesCode> [0..1]
<PortInstalledInd> PortInstalledInd </PortInstalledInd> [0..1]
</...>
```

ExpandedVehicle

Name	ExpandedVehicle
Abstract	no

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	O	
ModelYear	Vehicle designated model year	О	
ModelDescription	Descriptive vehicle model name	О	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	O	
SaleClass	Class of Sale	O	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	О	
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	О	
VehicleNote	Any vehicle related notes	О	
VIN	Federally defined 17 position vehicle identification number	О	

Field / Component	Description	R/O	Business Rule
DeliveryMileage	Odometer reading of vehicle at time of delivery	0	Values on uom attribute: K - Kilometers, M - Miles
VehicleStock	Dealer assigned vehicle stock number	О	
TrimCode	Manufacturer assigned trim code	О	
DoorsQuantity	Number of doors on vehicle	О	
BodyStyle	Manufacturer-assigned vehicle body style	О	
InteriorColor	Vehicle Interior Color(s)	О	May occur multiple times.
ExteriorColor	Vehicle Exterior Color(s)	О	May occur multiple times.
TransmissionType	Vehicle Transmission type	0	Values: 3 - 3 speed, 4 - 4 speed, 5 - 5 speed, 6 - 6 speed, A - Automatic
OdometerStatus	Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.	О	
NonUSVehicleInd	Indicates whether the vehicle was produced for the United States or no	t O	Values: 0 - Created fo US Sale. 1 - Created for sale outside of the US.
VehicleDemoInd	Indicates whether vehicle was ever a demo	0	Values: 0 - Was or is not a demo. 1 - Was or is a demo.
LicenseNumber	State License plate number of vehicle	О	
BrandedInfo	Vehicle Branding Information	О	
RestrictionInd	Indication that vehicle has restrictions on its use	О	Values: 1 - Yes, 0 - No.
RestrictionDescription	Description of vehicle use restrictions	О	
TelematicsServiceInd	Indication whether Telematics Service Subscription is turned on	О	
Option	Vehicle Options	О	

Field / Component	Description	R/O	Business Rule
TransmissionCode	Transmission Serial Number	O	
DeliveryDate	The date of original retail vehicle sale	0	In YYYY-MM-DD format.
EngineNumber	Serial number of the engine if vehicle not made for US sale	0	
IgnitionKeyNumber	Vehicle Ignition Key Number	O	
AxleCode	The code on the axle of the vehicle.	О	
FleetAccount	Manufacturer defined fleet account number	O	
FleetVehicleId	Uniquely identifies the vehicle as part of a fleet company	O	
FleetPurchaseOrderNumber	Fleet Purchase Order Number vehicle was purchased under	O	
DoorKeyNumber	Door key number	O	
VehicleWeight	Vehicle weight	O	
ExteriorColorCode	Vehicle exterior color code	O	
InteriorColorCode	Vehicle Interior color code	O	

```
<Model> Model </Model> [0..1]
<ModelYear> ModelYear </ModelYear> [0..1]
<ModelDescription> ModelDescription </modelDescription> [0..1]
<Make> Make </make> [0..1]
<SaleClass> SaleClass </saleClass> [0..1]
<Condition> Condition </condition> [0..1]
<CertifiedPreownedInd> CertifiedPreownedInd </certifiedPreownedInd> [0..1]
<VehicleNote> VehicleNote </vehicleNote> [0..*]
<VIN> VIN </VIN> [0..1]
<DeliveryMileage> DeliveryMileage 
DeliveryMileage> DeliveryMileage 
(0..1]
<TrimCode> TrimCode 
TrimCode> [0..1]
<DoorsQuantity> DoorsQuantity 
DoorsQuantity> [0..1]
```

```
<BodyStyle> BodyStyle </BodyStyle> [0..1]
 <InteriorColor> InteriorColor </InteriorColor> [0..*]
 < Exterior Color > Exterior Color < / Exterior Color > [0..*]
 <TransmissionType> TransmissionType </TransmissionType> [0..1]
 <OdometerStatus> OdometerStatus </OdometerStatus> [0..1]
 <NonUSVehicleInd> NonUSVehicleInd </NonUSVehicleInd> [0..1]
 <VehicleDemoInd> VehicleDemoInd </VehicleDemoInd> [0..1]
 <LicenseNumber> LicenseNumber </LicenseNumber> [0..1]
 <BrandedInfo> BrandedInfo </BrandedInfo> [0..1]
 < RestrictionInd > RestrictionInd < / RestrictionInd > [0..1]
 <RestrictionDescription> RestrictionDescription </RestrictionDescription> [0..1]
 <TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]
 <Option> ExpandedOption </Option> [0..*]
 <TransmissionCode> TransmissionCode 
TransmissionCode> [0..1]
 <DeliveryDate> DeliveryDate [0..1]
 < Engine Number > Engine Number < / Engine Number > [0..1]
 <IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]
 <AxleCode> AxleCode </AxleCode> [0..1]
 <FleetAccount> FleetAccount /FleetAccount> [0..1]
 <FleetVehicleId> FleetVehicleId /FleetVehicleId> [0..1]
 <FleetPurchaseOrderNumber> FleetPurchaseOrderNumber /FleetPurchaseOrderNumber> [0..1]
 <DoorKeyNumber> DoorKeyNumber /DoorKeyNumber> [0..1]
 <VehicleWeight> VehicleWeight </VehicleWeight> [0..1]
 <ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..*]
 <InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..*]
</...>
```

FinalAmount

These field(s) use this type: **FinalAmount.**

Last month payment amount

Name	FinalAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

FinancePlan

These field(s) use this type: **FinancePlan.**

Description of standard finance plan applied to deal.

Name	FinancePlan
Abstract	no

XML Instance Representation

```
<...
language="Language [0..1]">
Description
</...>
```

FleetVehicleId

These field(s) use this type: **FleetVehicleId.**

Uniquely identifies the vehicle as part of a fleet company

Name	FleetVehicleId
Abstract	no

```
<...>
    Id
    </...>
```

FullServiceContract

Name	FullServiceContract
Abstract	no

Field / Component	Description	R/O	Business Rule
ContractCompanyName	Service contract company name	O	
ContractId	Identification of Service Contract	O	
ContractPlanCode	Service Contract Plan Code	О	
ContractType	Service contract type and/or area of coverage	О	Examples: Aftermarket; OEM Prepaid
ContractPlanDescription	Description of service plan. Example: 36 MONTH/36000 MILE"	О	
Term	Number of months in contract plan	О	'length' attribute needs to be Months.
ContractStartDate	Service Contract sale Date	О	In YYYY-MM-DD format.
ContractDeductible	Amount of Deductible at time of service Eg:\$50.00	О	
ContractExpirationDate	Date the Service contract expires	О	In YYYY-MM-DD format.
ContractStartMileage	Odometer reading when contract becomes effective	O	Values on uom attribute: K - Kilometers, M - Miles.
ContractTermMileage	Mileage allowed under terms of service contract	O	Values on uom attribute: K - Kilometers, M - Miles
ContractOwnerName	Name on service Contract (i.e., full name - First Last)	O	Format should be 'First Last' with no commas between first and last.
InsuranceCompanyName	Memo Field for carrier covering extended service contract	О	

Field / Component	Description	R/O	Business Rule
TotalContractAmount	Total amount of the service contract.	О	
ContractNote	Free form comments that relate to the contract	О	
ContractEffectiveDate	Start Date of Service Contract	0	In YYYY-MM-DD format.
ContractPlanStates	States where the plan is valid	О	May occur multiple times.
ContractTransferInd	Indicates if the contract is transferable	О	Values: 1 - Yes, 0 - No.
ContractTransferredInd	Indicates if the contract has been transferred	0	Values: 1 - Yes, 0 - No.
ContractTripInterruptInd	Indicates if the contract allows for trip interruption	О	
LoanerVehicleInd	Service contract loaner vehicle indicator	О	
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	0	Values: 1 - Yes, 0 - No.
RoadHazardInd	Indicates whether Roadside hazard is covered in the contract	0	Values: 1 - Yes, 0 - No.
FirstDayRentalInd	If first day rental for service is covered in contract	0	Values: 1 - Yes, 0 - No.
RentalAllowance	Limit for Rental Allowance per day	О	
MaximumRentalAmount	Max Rental Allowance per occurrence	О	
TowingAllowance	Amount allowed for towing of RENTAL car	О	

```
<ContractStartDate> ContractStartDate </ContractStartDate> [0..1]
 <ContractDeductible> ContractDeductible </ContractDeductible> [0..1]
 <ContractExpirationDate> ContractExpirationDate </ContractExpirationDate> [0..1]
 <ContractStartMileage> ContractStartMileage </ContractStartMileage> [0..1]
 <ContractTermMileage> ContractTermMileage </ContractTermMileage> [0..1]
 <ContractOwnerName> ContractOwnerName </ContractOwnerName> [0..1]
 <InsuranceCompanyName> InsuranceCompanyName </InsuranceCompanyName> [0..1]
 <TotalContractAmount> TotalContractAmount </TotalContractAmount> [0..1]
 <ContractNote> ContractNote </ContractNote> [0..1]
 <ContractEffectiveDate> ContractEffectiveDate </ContractEffectiveDate> [0..1]
 <ContractPlanStates> ContractPlanStates </ContractPlanStates> [0..*]
 <ContractTransferInd> ContractTransferInd </ContractTransferInd> [0..1]
 <ContractTransferredInd> ContractTransferredInd 
 <ContractTripInterruptInd> ContractTripInterruptInd /ContractTripInterruptInd> [0..1]
 <LoanerVehicleInd> LoanerVehicleInd </LoanerVehicleInd> [0..1]
 < Roadside Assistance Ind > Roadside Assistance Ind < / Roadside Assistance Ind > [0..1]
 <RoadHazardInd> RoadHazardInd </RoadHazardInd> [0..1]
 <FirstDayRentalInd> FirstDayRentalInd /FirstDayRentalInd> [0..1]
 <RentalAllowance> RentalAllowance </RentalAllowance> [0..1]
 <MaximumRentalAmount> MaximumRentalAmount </maximumRentalAmount> [0..1]
 <TowingAllowance> TowingAllowance </TowingAllowance> [0..1]
</...>
```

HeaderBase

Used on all STAR BODs

Na	me	HeaderBase
Ab	stract	no

Field / Component	Description	R/O	Business Rule
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	О	DateTime fields must be formatted as XML Schema DateTimes in UTC/GMT format without offsets. Example: 2003-11-05T13:15:30Z
SecondaryPassword	Secondary password used to validate access to the dealer information	О	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	О	

XML Instance Representation

```
<...>
    <br/>
    <br/>
```

ld

These field(s) use this type: **AuthorizationId,Id.**

Party Identification number

Name	ld
Abstract	no

XML Instance Representation



IncentivesForCashCustomerAmt

These field(s) use this type: **IncentivesForCashCustomerAmt.**

Incentives available to ONLY cash customers.

Name	IncentivesForCashCustomerAmt
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

IndividualBuyerParty

These field(s) use this type: <u>IndividualCo-Buyer,PrimaryDriver,SecondaryDriver.</u>

Name	IndividualBuyerParty
Abstract	no

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Individual party alternate party Identification	О	
PersonName	Individual party name	О	
Address	Individual party address	О	
Contact	Individual party contact information	О	
RelationshipCode	Indicates the Business Party $\tilde{A}\#\hat{A}\phi\hat{A}\#\hat{A}\#$ relationship to the primary Party (e.g., mother, father, husband, etc.)l	O	
Demographics	Individual party demographic information	О	
MarketingMailInd	Indicates customers whom have requested no marketing mail	0	Values: 0 - Cannot send mail. 1 - Can send mail.
Published by Standards for Techr	ology in Automotive Retail © 2006		45

Field / Component	Description	R/O	Business Rule
PrimaryDriverInd	Identifies customer as primary driver	0	Values: 1 - Primary Driver. 0 - Not Primary Driver.
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	O	Service action related to this RO (Ex: Drop-Off, Pick-Up, etc)
Privacy	Individual Privacy options	О	
DMSCustomerId	The DMS system assigned number associated with a customer entity	O	

XML Instance Representation

```
<-...>
    </partyId> PartyId </partyId> [0..1]

<AlternatePartyIds> IndividualPartyAlternatePartyId </AlternatePartyIds> [0..*]
<PersonName> IndividualPartyPersonName 

<Address> IndividualPartyAddress </Address> [0..*]
<Contact> IndividualPartyContact </Contact> [0..1]
<RelationshipCode> RelationshipCode 
<RelationshipCode> RelationshipCode> [0..1]
<Demographics> BuyerDemographics 
<Demographics> BuyerDemographics 
<Demographics | [0..1]</p>
<MarketingMailInd> MarketingMailInd 

<MarketingMailInd> PrimaryDriverInd 

<PrimaryDriverInd> PrimaryDriverInd> [0..1]
<Privacy> Privacy 
</pr>
<Privacy> Privacy 

<Privacy> [0..*]
<DMSCustomerId > DMSCustomerId 

<p
```

IndividualBuyerPartyExtended

These field(s) use this type: **IndividualBuyer.**

Name	IndividualBuyerPartyExtended
Abstract	no

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Individual party alternate party Identification	O	
PersonName	Individual party name	O	
Address	Individual party address	O	
Contact	Individual party contact information	O	
RelationshipCode	Indicates the Business Party \tilde{A} # \hat{A} ¢ \hat{A} # \hat{A} #s relationship to the primary Party (e.g., mother, father, husband, etc.)l	0	
Demographics	Individual party demographic information	O	
MarketingMailInd	Indicates customers whom have requested no marketing mail	0	Values: 0 - Cannot send mail. 1 - Can send mail.
PrimaryDriverInd	Identifies customer as primary driver	0	Values: 1 - Primary Driver. 0 - Not Primary Driver.
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	О	Service action related to this RO (Ex: Drop-Off, Pick-Up, etc)
Privacy	Individual Privacy options	О	
DMSCustomerId	The DMS system assigned number associated with a customer entity	О	
AuthorizationNumber	Buyers are assigned an Authorization Number if employee purchase or preferred vendor	0	

XML Instance Representation

<PartyId> PartyId </PartyId> [0..1]

- <AlternatePartyIds> IndividualPartyAlternatePartyId </AlternatePartyIds> [0..*]
- <PersonName> IndividualPartyPersonName </PersonName> [0..1]
- <Address> IndividualPartyAddress </Address> [0..*]
- <Contact> IndividualPartyContact </Contact> [0..1]

```
<RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
<Demographics> BuyerDemographics </Demographics> [0..1]
<MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
<PrimaryDriverInd> PrimaryDriverInd </PrimaryDriverInd> [0..1]
<DriverAction> DriverAction </DriverAction> [0..1]
<Privacy> Privacy </Privacy> [0..*]
<DMSCustomerId> DMSCustomerId </DMSCustomerId> [0..1]
<AuthorizationNumber> AuthorizationNumber </AuthorizationNumber> [0..1]
</...>
```

IndividualOwnerParty

Name	IndividualOwnerParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Individual party alternate party Identification	O	
PersonName	Individual party name	O	
Address	Individual party address	O	
Contact	Individual party contact information	O	
RelationshipCode	Indicates the Business PartyÃ#¢Â#Â#s relationship to the primary Party (e.g., mother, father, husband, etc.)l	O	

```
<...>
    <PartyId> PartyId </PartyId> [0..1]
    <AlternatePartyIds> IndividualPartyAlternatePartyId </AlternatePartyIds> [0..*]
    <PersonName> IndividualPartyPersonName </PersonName> [0..1]
    <Address> IndividualPartyAddress </Address> [0..*]
```

```
<Contact> IndividualPartyContact </Contact> [0..1]
<RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
</...>
```

IndividualPartyAddress

These field(s) use this type: **Address.**

Name	IndividualPartyAddress
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the street name and number.	R	
City	Is the City of the Address.	R	
County	County in which the Address is in.	О	
StateOrProvince	Is the State or Province of a given Address.	R	
Country	Country in which the Address is in.	R	
PostalCode	Postal Code of the Address.	R	
UrbanizationCode	Geographic definition of a metropolitan or suburban area	O	

```
<PostalCode> PostalCode </PostalCode> [1]
  <UrbanizationCode> UrbanizationCode </UrbanizationCode> [0..1]
  </...>
```

IndividualPartyAlternatePartyId

These field(s) use this type: AlternatePartyIds.

Name		IndividualPartyAlternatePartyId
Abstrac	t	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Id	Alternate Party Identification	R	
AssigningPartyId	Agency or entity that validates the Party Id	R	
IssuingState	Indicates that State where the license was issued.	O	
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	О.	

XML Instance Representation

```
<...>
    <Id> Id </Id> [1]
    <AssigningPartyId> AssigningPartyId </AssigningPartyId> [1]
    <IssuingState> IssuingState </IssuingState> [0..1]
    <ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
    </...>
```

IndividualPartyBase

Name	IndividualPartyBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Individual party alternate party Identification	O	
PersonName	Individual party name	O	
Address	Individual party address	O	

XML Instance Representation

IndividualPartyContact

These field(s) use this type: **Contact.**

Name	IndividualPartyContact
Abstract	no

Field / Component	Description	R/O	Business Rule
Telephone	Contact telephone numbers	О	
EMailAddress	Contact Email addresses	O	
Fax	Contact Fax numbers	O	
PreferredContactMethod	Preferred contact method	О	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	O	

Field / Component	Description	R/O	Business Rule
PrimaryContactInd	Indicates if contact is primary contact	0	Values: 0 - Not Primary Contact. 1 - Primary Contact.
PersonName	Contact name	O	

XML Instance Representation

IndividualPartyContactEMail

These field(s) use this type: **EMailAddress**.

Individual Party email

Name	IndividualPartyContactEMail
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	

```
<...
desc="HomeWork [0..1]">
```

xsd:string
</...>

IndividualPartyContactFax

These field(s) use this type: **Fax.** Individual Party Fax number

Name	IndividualPartyContactFax
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	

XML Instance Representation

```
<....
desc="HomeWork [0..1]">
    xsd:string
</...>
```

Individual Party Contact Telephone Number

These field(s) use this type: **Telephone.**

IndividualParty telephone number

Name	IndividualPartyContactTelephoneNumber
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	
exten		R	

XML Instance Representation

```
<...
desc="ContactTelephoneNumberDescription [0..1]"
exten="Note [0..1]">
    xsd:string
</...>
```

IndividualPartyPersonName

These field(s) use this type: **PersonName,PersonName.**

Name	IndividualPartyPersonName
Abstract	no

Field / Component	Description	R/O	Business Rule
Salutation	Title or greeting of business party	О	
GivenName	First Name of business party	R	
MiddleName	Middle Initial of business party	O	
FamilyName	Last Name of business party	R	
Suffix	Business Party name suffix designation if individual Ex: Sr, Jr, III, etc.	О	
FormattedName	Full Name of business party. Format for name should be "First Last" with no commas between first and last name	О	
SortName	Index name used as a sort for report purposes	О	

XML Instance Representation

Initiativeld

These field(s) use this type: **InitiativeId,InitiativeId.**

Initiative Identification (i.e., Manufacturer incentive reimbursement program identification or dealer offerings)

Name	Initiativeld
Abstract	no

XML Instance Representation



ItemId

These field(s) use this type: **ItemId.**

Item part number

Name	ItemId
Abstract	no



LienholderParty

These field(s) use this type: **LienholderParty,LienholderParty.**

Na	ıme	LienholderParty
Ab	stract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Alternate organizational party Identification	0	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	О	
Address	Organizational Party address	O	
DBAName	Doing Business As name.	О	

XML Instance Representation

LocationId

These field(s) use this type: **LocationId,LocationId.**

Code identifying a physical location

Name LocationId

Abstract no

XML Instance Representation



MarketingInitiatives

These field(s) use this type: **MarketingInitiatives.**

Name MarketingInitiatives

Abstract no

Field / Component	Description	R/O	Business Rule
InitiativeType	Type of program - Incentive or program related initiatives	О	
InitiativeId	Initiative Identification (i.e., Manufacturer incentive reimbursement program identification or dealer offerings)	О	
ReimbursementId	Reimbursement certificate or coupon identification	О	May occur multiple times.
ReimbursementComment	Reimbursement dealer comments	О	
ReimbursementAmount	Amount returned to payee	О	
ReimbursementPayee	Indicates who is paid - It can be either a code (D - Dealer or C - Customer) or the recipient name of reimbursement	О	
FleetAccount	Manufacturer Fleet number	О	

Field / Component	Description	R/O	Business Rule
InitiativeDate	The date the initiative was processed.	О	
DemoCount	Number of times vehicle was driven as a demo	О	

XML Instance Representation

MaximumRentalAmount

These field(s) use this type: **MaximumRentalAmount.**

Max Rental Allowance per occurrence

Name	MaximumRentalAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

Measurement

Decimal measurement

Name Measurement
Abstract no

XML Instance Representation

Mileage

Mileage definition

Name	Mileage
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
uom		О	

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
Count
</...>
```

NetAnnualPercentageRate

These field(s) use this type: **NetAnnualPercentageRate.**

The rate charged to the dealer

Name

no

Abstract

XML Instance Representation



NewFinancing

Name	NewFinancing
Abstract	no

Field / Component	Description	R/O	Business Rule
FinanceType	Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc	O	
PaymentAmount	Monthly Payment Amount	О	
BalanceAmount	Remaining balance on Current Vehicle	О	
FinalAmount	Last month payment amount	О	
ResidualAmount	Remaining residual on current vehicle	О	
Term	Number of months of contract term	О	
MaturityDate	Month and year of contract maturity	О	
FinanceCompanyName	Name of Finance Company	О	
DownPaymentAmount	Down Payment amount or amount of cap cost reduction.	О	
PurchasePrice	Purchase Price or Gross Cap cost specified in deal. Total payments at en of purchase	ndO	
ApprovedInd	Approved Indicator	О	Values: 0 - Not Pre-Approved. 1 - Pre-Approved.

Field / Component	Description	R/O	Business Rule
ApprovedAmount	Amount pre-approved	О	
ExpirationDate	Date pre-approval expires	О	
RatingIndex	Rating Index Used for Credit Approval	О	

XML Instance Representation

NonTaxableAmount

These field(s) use this type: **NonTaxableAmount.**

Total non-taxable price.

Name	NonTaxableAmount
Abstract	no

XML Instance Representation

<...

```
currency="Currency [1]">
Amount
</...>
```

Option

Name	Option
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
OptionType	An option type for a vehicle or other component. Usually references an OEM supplied list of codes.	О	
OptionName	Name of vehicle option	O	
OptionStockNumber	Stock Number of Vehicle Option	О	
Manufacturer	Manufacturer of Vehicle Option	О	
OptionPrice	Price of Vehicle Option	0	

XML Instance Representation

```
<...>
    <OptionType> OptionType </OptionType> [0..1]
    <OptionName> OptionName </OptionName> [0..1]
    <OptionStockNumber> OptionStockNumber </OptionStockNumber> [0..1]
    <Manufacturer> Manufacturer </Manufacturer> [0..1]
    <OptionPrice> OptionPrice </OptionPrice> [0..1]
    </...>
```

OptionBase

Name OptionBase	
-----------------	--

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
OptionType	An option type for a vehicle or other component. Usually references an OEM supplied list of codes.	О	
OptionName	Name of vehicle option	О	
OptionStockNumber	Stock Number of Vehicle Option	O	
Manufacturer	Manufacturer of Vehicle Option	O	

XML Instance Representation

```
<...>
    <OptionType> OptionType </OptionType> [0..1]
    <OptionName> OptionName </OptionName> [0..1]
    <OptionStockNumber> OptionStockNumber </OptionStockNumber> [0..1]
    <Manufacturer> Manufacturer </Manufacturer> [0..1]
    </...>
```

OptionCost

These field(s) use this type: **OptionCost.**

Actual Dealer cost of option

Name	OptionCost
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

OptionMSRP

These field(s) use this type: **OptionMSRP.**

Option MSRP

Name OptionMSRP

Abstract no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

OptionPackageId

These field(s) use this type: **OptionPackageId.**

Option package number or identifier used as a method for grouping option package items from manufacturer(s) Ex: OptPkg1,cost,

Name OptionPackageId

Abstract no

XML Instance Representation

<...> Id </...>

OptionPrice

These field(s) use this type: **OptionPrice.**

Price of Vehicle Option

Name OptionPrice

Abstract no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

OptionType

These field(s) use this type: **OptionType.**

Option Type from an OEM or other sources list of codes.

Name	OptionType
Abstract	no

XML Instance Representation

OrganizationAddress

These field(s) use this type: **Address, Address, Address, Address**.

Name	OrganizationAddress
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
AddressLine	Indicates the multiple lines of an address. The first line is typically the street name and number.	R	
City	Is the City of the Address.	R	
County	County in which the Address is in.	О	
StateOrProvince	Is the State or Province of a given Address.	R	
Country	Country in which the Address is in.	R	
PostalCode	Postal Code of the Address.	R	
UrbanizationCode	Geographic definition of a metropolitan or suburban area	O	

XML Instance Representation

OrganizationalBuyerParty

These field(s) use this type: **OrganizationalCo-Buyer.**

Name	OrganizationalBuyerParty
Abstract	no

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Alternate organizational party Identification	О	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	О	
Address	Organizational Party address	О	
DBAName	Doing Business As name.	О	
Contact	Organizational Party contact information	О	
RelationshipCode	Indicates the Business Party $\tilde{A}\#\hat{A}\phi\hat{A}\#\hat{A}$ relationship to the primary Party (e.g., mother, father, husband, etc.)l	О	
MarketingMailInd	Indicates customers whom have requested no marketing mail	О	
PrimaryDriverInd	Identifies customer as primary driver	О	
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	О	
Privacy	Organization privacy options	О	
DMSCustomerId	The DMS system assigned number associated with a customer entity	О	

XML Instance Representation

<DMSCustomerId> DMSCustomerId </DMSCustomerId> [0..1]
</...>

Organizational Buyer Party Extended

These field(s) use this type: **OrganizationalBuyer.**

N	ame	OrganizationalBuyerPartyExtended
A	bstract	no

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Alternate organizational party Identification	0	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	О	
Address	Organizational Party address	О	
DBAName	Doing Business As name.	O	
Contact	Organizational Party contact information	О	
RelationshipCode	Indicates the Business Party $\hat{A}\#\hat{A}\phi\hat{A}\#\hat{A}\#s$ relationship to the primary Party (e.g., mother, father, husband, etc.)l	О	
MarketingMailInd	Indicates customers whom have requested no marketing mail	O	
PrimaryDriverInd	Identifies customer as primary driver	O	
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	O	
Privacy	Organization privacy options	О	
DMSCustomerId	The DMS system assigned number associated with a customer entity	О	

Field / Component	Description	R/O	Business Rule
AuthorizationNumber	Buyers are assigned an Authorization Number if employee purchase or preferred vendor	О	

XML Instance Representation

OrganizationalOwnerParty

Name	OrganizationalOwnerParty
Abstract	no

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Alternate organizational party Identification	0	Values: LegalId, NationalId, DUNS, Other

Field / Component	Description	R/O	Business Rule
Name	Company name of organizational party	О	
Address	Organizational Party address	О	
DBAName	Doing Business As name.	О	
Contact	Organizational Party contact information	O	
RelationshipCode	Indicates the Business PartyÃ#¢Â#Â#s relationship to the primary Party (e.g., mother, father, husband, etc.)l	О	

XML Instance Representation

OrganizationalOwnerPartyExtended

Name	OrganizationalOwnerPartyExtended
Abstract	no

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Alternate organizational party Identification	0	Values: LegalId, NationalId, DUNS, Other

Field / Component	Description	R/O	Business Rule
Name	Company name of organizational party	O	
Address	Organizational Party address	О	
DBAName	Doing Business As name.	O	
Contact	Organizational Party contact information	O	
RelationshipCode	Indicates the Business PartyÃ#¢Â#Â#s relationship to the primary Party (e.g., mother, father, husband, etc.)l	О	
MarketingMailInd	Indicates customers whom have requested no marketing mail	О	
PrimaryDriverInd	Identifies customer as primary driver	O	
DriverAction	Driver action (Ex: Drop-Off, Pick-Up, etc)	O	

XML Instance Representation

```
<-...>
    </PartyId> PartyId </PartyId> [0..1]
    </AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
    </PartyId> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
    </Pre>
<Name> CompanyName </P>
Name> [0..1]
<Address> OrganizationAddress </Address> [0..1]
<DBAName> DBAName </DBAName> [0..1]
<Contact> OrganizationContactExtended </Contact> [0..1]
<RelationshipCode> RelationshipCode </RelationshipCode> [0..1]
<MarketingMailInd> MarketingMailInd </MarketingMailInd> [0..1]
<PrimaryDriverInd> PrimaryDriverInd </PrimaryDriverInd> [0..1]
<DriverAction> DriverAction </DriverAction> [0..1]

<
```

OrganizationalPartyAlternatePartyId

These field(s) use this type: <u>AlternatePartyIds,AlternatePartyIds</u>.

Name	OrganizationalPartyAlternatePartyId
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Id	Alternate Party Identification	R	
AssigningPartyId	Agency or entity that validates the Party Id	R	
IssuingState	Indicates that State where the license was issued.	О	
ExpirationDate	Expiration date of the alternate party id (e.g., Driver's License expiration date).	О	In YYYY-MM-DD format.

XML Instance Representation

```
<...>
    <Id> Id </Id> [1]
    <AssigningPartyId> AssigningOrganizationPartyId </AssigningPartyId> [1]
    <IssuingState> IssuingState </IssuingState> [0..1]
    <ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
    </...>
```

OrganizationContact

These field(s) use this type: **Contact.**

Name	OrganizationContact
Abstract	no

Field / Component	Description	R/O	Business Rule
PersonName	Contact name	O	
Telephone	Contact telephone numbers	O	
EMailAddress	Contact Email address	O	
Fax	Contact Fax number	O	

Field / Component	Description	R/O	Business Rule
PreferredContactMethod	Preferred contact method	О	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	О	

XML Instance Representation

OrganizationContactExtended

These field(s) use this type: **Contact.**

Name	OrganizationContactExtended
Abstract	no

Field / Component	Description	R/O	Business Rule
PersonName	Contact name	О	
Telephone	Contact telephone numbers	О	
EMailAddress	Contact Email address	О	
Fax	Contact Fax number	О	
PreferredContactMethod	Preferred contact method	O	
ContactTime	Preferred contact time (i.e. Best day/time to reach the contact.	О	

Field / Component	Description	R/O	Business Rule
PreferredLanguage	Organization's preferred language	О	

XML Instance Representation

OrganizationContactPersonName

These field(s) use this type: **PersonName.**

Derived from oa:PersonName

Name	OrganizationContactPersonName
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
GivenName	First Name of business party	R	
FamilyName	Last Name of business party	R	
FormattedName	Full Name of business party. Format for name should be "First Last" with no commas between first and last name	О	

XML Instance Representation

```
<...>
<GivenName> Name </GivenName> [1]
```

```
<FamilyName> Name </FamilyName> [1]
<FormattedName> Name </FormattedName> [0..1]
</...>
```

OrganizationPartyBase

Name	OrganizationPartyBase
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Alternate organizational party Identification	0	Values: LegalId, NationalId, DUNS, Other
Name	Company name of organizational party	О	
Address	Organizational Party address	О	
DBAName	Doing Business As name.	О	

XML Instance Representation

```
<...>
<PartyId> PartyId </PartyId> [0..1]
<AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
<Name> CompanyName </Name> [0..1]
<Address> OrganizationAddress </Address> [0..1]
<DBAName> DBAName </DBAName> [0..1]
</...>
```

OrganizationPartyEmail

These field(s) use this type: **EMailAddress.**

Organization email

Name OrganizationPartyEmail

Abstract no

XML Instance Representation

<...>
xsd:string
</...>

OrganizationPartyFax

These field(s) use this type: **Fax.**

OrganizationFax number

Name OrganizationPartyFax

Abstract no

XML Instance Representation

<...>
xsd:string
</...>

OrganizationPartyTelephone

These field(s) use this type: **Telephone.**

OrganizationParty telephone number

Name OrganizationPartyTelephone

Abstract no

Attributes

Field / Component	Description	R/O	Business Rule
desc		R	
exten		R	

XML Instance Representation

```
<...
desc="ContactTelephoneNumberOrganizationDescription [0..1]"
exten="Note [0..1]">
        xsd:string
</...>
```

PartyBase

Derived from oa:Party

Name	PartyBase	
Abstract	no	

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	

XML Instance Representation

```
<...>
<PartyId> PartyId </PartyId> [0..1]
</...>
```

Partyld

These field(s) use this type: **DealerNumber,PartyId,DealerNumber,PartyId,PartyId.**

Party Identification Number

Name Partyld

Abstract no

XML Instance Representation

<...> Id </...>

PaymentAmount

These field(s) use this type: **PaymentAmount.**

Monthly Payment Amount

Name PaymentAmount

Abstract no

XML Instance Representation

<...
currency="Currency [1]">
Amount
</...>

Percent

Percent

Name Percent

Abstract no

XML Instance Representation

<...>
xsd:decimal
</...>

PlanBasePrice

These field(s) use this type: **PlanBasePrice.**

The base cost on the contract without options.

Name	PlanBasePrice
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

PlanOptionPrice

These field(s) use this type: **PlanOptionPrice.**

The suggested sale price of the plan option.

Name	PlanOptionPrice
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

Privacy

These field(s) use this type: **Privacy, Privacy.**

Name

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PrivacyInd	Indicator to note that Business Party has requested to share or to not share information with third parties	0	Values: 1 - Can share information with third parties. 0 - Cannot share information with third parties.
			Values: 0 - Cannot share information with third parties. 1 - Can share information with third parties.
PrivacyType	Code identifying a Party's authorized privacy rights. (i.e., Financial, Demographics, etc.)	О	

XML Instance Representation

```
<...>
<PrivacyInd> PrivacyInd </PrivacyInd> [0..1]
<PrivacyType> PrivacyType </PrivacyType> [0..1]
</...>
```

ProgramsAndRates

These field(s) use this type: **ProgramsAndRates.**

Name	ProgramsAndRates
Abstract	no

Field / Component	Description	R/O	Business Rule
NetAnnualPercentageRate	The rate charged to the dealer	О	
SubventionCode	Identifies a subvention program.	O	
BalloonResidualPercentage	The estimated percent of value at contract end.	0	

Field / Component	Description	R/O	Business Rule
BalloonResidualAmount	The estimated amount of the vehicle at contract end.	О	
SpecialPrograms	Code identifying the type of special program (First Time Buyer, College Graduate, etc.	e O	
UpfrontMiles	The number of miles purchased at contract commencement	О	
UpfrontMileageRate	The amount charged for miles purchased upfront	О	
UpfrontMilesAmount	UpfrontMiles multiplied by the UpfrontMileageRate	О	
Coupon	Coupons associated with Programs and Rates	О	
FinalPaymentDate	Date that the final payment amount is due (e.g., Ballon, Fixed Value, Lease, etc.)	0	
ContractTermMileage	Mileage allowed under the terms of contract	О	
FinancePlan	Description of standard finance plan applied to deal.	О	
InitiativeId	Initiative Identification (i.e., Manufacturer incentive reimbursement program identification or dealer offerings)	0	
SpecialProgramDetail	Represents information related to the types of lending programs being applied to the deal. EX: College Graduate, 1st Time Buyer, Repeat Customer, Manufacturer Programs, etc.	O	
LeaseBuyMoneyFactor	Lease Rate/Service Factor offered to the dealer by Finance Source.	О	
LowMileageOption	Indicates whether a customer chooses low mileage.	О	
DiscountRate	The rate/service factor being discounted off the net lease rate due to least being a single pay lease or some other special program.	seO	
IncentivesForCashCustomerAmt	Incentives available to ONLY cash customers.	О	
OriginalLeaseRateMoneyFactor	The original lease factor before the discount rate for single payment.	О	
BaseInterestRate	The base interest rate before any pre-paid interest or additional costs of financing.	0	
PreApprovedProgramName	A text description of pre-approval codes.	О	

XML Instance Representation

```
<...>
 <NetAnnualPercentageRate> NetAnnualPercentageRate </NetAnnualPercentageRate> [0..1]
 <SubventionCode> SubventionCode </SubventionCode> [0..*]
 <BalloonResidualPercentage> BalloonResidualPercentage </BalloonResidualPercentage> [0..1]
 <BalloonResidualAmount> BalloonResidualAmount </BalloonResidualAmount> [0..1]
 <SpecialPrograms> SpecialPrograms /SpecialPrograms> [0..*]
 <UpfrontMiles> UpfrontMiles </UpfrontMiles> [0..1]
 <UpfrontMileageRate> UpfrontMileageRate </UpfrontMileageRate> [0..1]
 <UpfrontMilesAmount> UpfrontMilesAmount </UpfrontMilesAmount> [0..1]
 <Coupon> CreditContractCoupon </Coupon> [0..*]
 <FinalPaymentDate> FinalPaymentDate /FinalPaymentDate> [0..1]
 <ContractTermMileage> ContractTermMileage /ContractTermMileage> [0..1]
 <FinancePlan> FinancePlan </FinancePlan> [0..*]
 <InitiativeId> InitiativeId </InitiativeId> [0..*]
 <SpecialProgramDetail> SpecialProgramDetail 
 <LeaseBuyMoneyFactor> LeaseBuyMoneyFactor </LeaseBuyMoneyFactor> [0..1]
 <LowMileageOption> LowMileageOption </LowMileageOption> [0..1]
 <DiscountRate> DiscountRate /DiscountRate> [0..1]
 <IncentivesForCashCustomerAmt> IncentivesForCashCustomerAmt </IncentivesForCashCustomerAmt> [0..1]
 <OriginalLeaseRateMoneyFactor> OriginalLeaseRateMoneyFactor /OriginalLeaseRateMoneyFactor> [0..1]
 <BaseInterestRate> BaseInterestRate </BaseInterestRate> [0..1]
 <PreApprovedProgramName> PreApprovedProgramName </PreApprovedProgramName> [0..1]
```

PurchaseNetPrice

These field(s) use this type: **PurchaseNetPrice.**

The total amount paid by the customer net of taxes.

Name	PurchaseNetPrice
Abstract	no

XML Instance Representation

<...

```
currency="Currency [1]">
Amount
</...>
```

PurchasePrice

These field(s) use this type: **PurchasePrice**.

Purchase Price or Gross Cap cost specified in deal. Total payments at end of purchase

Name	PurchasePrice
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

Rating

Standing or position on a scale, e.g. credit score.

Name	Rating
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
score		О	

XML Instance Representation

```
<...
score="Decimal [0..1]">
```

xsd:string </...>

RatingIndex

These field(s) use this type: **RatingIndex.**

Rating Index Used for Credit Approval

Name RatingIndex
Abstract no

XML Instance Representation

<...
score="Decimal [0..1]">
Rating
</...>

RDRDealerExtendedAddress

These field(s) use this type: **TransferringDealer.**

Name	RDRDealerExtendedAddress
Abstract	no

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
DealerName	Dealer name	О	
DistrictCode	Manufacturer Assigned District Code	О	
URI	Dealer URI	О	
ZoneCode	Manufacturer Assigned Zone Code	O	

Field / Component	Description	R/O	Business Rule
Address	Dealer party address	О	
MarketCode	A market code that designates the market area.	О	

XML Instance Representation

RegistrationState

These field(s) use this type: $\underline{\textbf{RegistrationState.}}$

State or province of vehicle registration

Name	RegistrationState
Abstract	no

XML Instance Representation



ReimbursementAmount

These field(s) use this type: **ReimbursementAmount.**

Amount returned to payee

Name ReimbursementAmount

Abstract no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

Reimbursementld

These field(s) use this type: **ReimbursementId.**

Reimbursement certificate or coupon identification

Name Reimbursementld

Abstract no

XML Instance Representation



RentalAllowance

These field(s) use this type: **RentalAllowance.**

Limit for Rental Allowance per day

Name Rental Allowance

Abstract no

XML Instance Representation

<...

```
currency="Currency [1]">
Amount
</...>
```

ResidualAmount

These field(s) use this type: **ResidualAmount.**

Remaining residual on current vehicle

Name	ResidualAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

RestrictionDescription

These field(s) use this type: **RestrictionDescription.**

Description of vehicle use restrictions

Name	RestrictionDescription
Abstract	no

XML Instance Representation

```
<...
language="Language [0..1]">
Description
</...>
```

RetailDeliveryReporting

These field(s) use this type: **RetailDeliveryReporting.**

STAR Version 3.0 - Draft

STAR Version 2.1, STAR approved 04/20/2005; effective date 07/04/2005

STAR Version 2.0, STAR approved 05/07/2004; effective date 07/04/2004

STAR Version 1.1 STAR approved 04/09/2003; OAGI approved 3/15/2003 effective date 07/04/2003

STAR Version 1.0 STAR approved 11/22/2002; OAGI reviewed 11/08/2002; effective date 01/01/2003

Name	RetailDeliveryReporting
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Header		R	
Vehicle		О	

XML Instance Representation

```
<...>
    <Header> ... </Header> [1]
    <Vehicle> ... </Vehicle> [0..*]
    </...>
```

RetailDeliveryReportingHeader

These field(s) use this type: **Header.**

Name	RetailDeliveryReportingHeader
Abstract	no

Field / Component	Description	R/O	Business Rule
DocumentDateTime	Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.	O	DateTime fields must be formatted as XML Schema DateTimes in UTC/GMT format without offsets. Example: 2003-11-05T13:15:30Z
SecondaryPassword	Secondary password used to validate access to the dealer information	О	
SecondaryDealerNumber	Identifies secondary dealer number if different than primary "Dealer Number"	О	
DocumentId	Dealer or DMS assigned deal number	О	
SalesDate	Date sales paperwork signed	О	In YYYY-MM-DD format.
DealerTransferDate	Date transferred to retailing dealer	О	In YYYY-MM-DD format.
AcquisitionMethod	Indicates the way the vehicle was acquired by retailer	О	
SaleCategory	Category of sale code - EX: Retail, Fleet, Lease, Demo, Transfer, Certified used, Used, Select, Export, etc.	O	
SaleSubCategory	Code to extend the category of sale - EX: Standard APR, Special APR, Standard Lease, Special Lease, etc	О	
TransferringDealer	business party (dealer) that is transferring the vehicle	О	
SalesPerson	SalesPerson(s) of the vehicle sale being reported	О	
SalesManager	Sales Manager of the vehicle sale being reported	О	
FIManager	F and I Manager of the vehicle sale being reported	О	
SellingSource	Code to determine souce brand of sale (i.e., OEM division	О	
IndividualBuyer	Business Party who purchased the vehicle	О	
OrganizationalBuyer	Organizational Business Party who purchased the vehicle	О	
IndividualCo-Buyer	Business Party who co-purchased the vehicle	О	
OrganizationalCo-Buyer	rganizational Business Party who co-purchased the vehicle	О	

Field / Component	Description	R/O	Business Rule
PrimaryDriver	Primary driver of vehicle	О	
SecondaryDriver	Secondary driver of vehicle	О	
Financing	information on the financing of the vehicle(s).	О	
TradeIn	information on the vehicle(s) Traded In	O	
LocationId	Code identifying the physical location of a dealer.	O	

XML Instance Representation

```
<...>
 <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
 <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
 <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
 <DocumentId> DocumentId </DocumentId> [0..1]
 <SalesDate > SalesDate > [0..1]
 <DealerTransferDate> DealerTransferDate /DealerTransferDate> [0..1]
 <AcquisitionMethod> AcquisitionMethod </AcquisitionMethod> [0..1]
 <SaleCategory > SaleCategory > [0..1]
 <SaleSubCategory > SaleSubCategory </SaleSubCategory> [0..*]
 <TransferringDealer> RDRDealerExtendedAddress 
/TransferringDealer> [0..1]
 <SalesPerson> SalesPersonAddress </SalesPerson> [0..*]
 <SalesManager> SalesPersonParty </SalesManager> [0..1]
 <FIManager> SalesPersonParty </FIManager> [0..1]
 <SellingSource> SellingSource </SellingSource> [0..1]
 <IndividualBuyer> IndividualBuyerPartyExtended </IndividualBuyer> [0..1]
 <OrganizationalBuyer> OrganizationalBuyerPartyExtended </OrganizationalBuyer> [0..1]
 <IndividualCo-Buyer> IndividualBuyerParty </IndividualCo-Buyer> [0..*]
 <OrganizationalCo-Buyer> OrganizationalBuyerParty </OrganizationalCo-Buyer> [0..*]
 <PrimaryDriver> IndividualBuyerParty </PrimaryDriver> [0..1]
 <SecondaryDriver> IndividualBuyerParty </SecondaryDriver> [0..*]
 <Financing> SoldFinancing </Financing> [0..1]
 <TradeIn> TradeIn </TradeIn> [0..*]
 <LocationId> LocationId </LocationId> [0..1]
</...>
```

SalesPersonAddress

These field(s) use this type: **SalesPerson.**

Name	SalesPersonAddress
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Social security number or other legal document Id of salesperson	O	
Name	Person's name	0	Name should be 'First Last' with no commas between first and last name.
Address	Organizational Party address	О	

XML Instance Representation

```
<...>
    <PartyId> PartyId </PartyId> [0..1]
    <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
    <Name> Name </Name> [0..1]
    <Address> OrganizationAddress </Address> [0..1]
    </...>
```

SalesPersonParty

 $These \ field (s) \ use \ this \ type: {\color{blue} \underline{SalesManager,}} \underline{FIManager,} \underline{ServiceContractSalesPerson.}$

Name	SalesPersonParty
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	O	
AlternatePartyIds	Social security number or other legal document Id of salesperson	O	
Name	Person's name	0	Name should be 'First Last' with no commas between first and last name.

XML Instance Representation

```
<...>
    <PartyId> PartyId </PartyId> [0..1]
    <AlternatePartyIds> OrganizationalPartyAlternatePartyId </AlternatePartyIds> [0..*]
    <Name> Name </Name> [0..1]
</...>
```

SecondaryDealerNumber

These field(s) use this type: $\underline{\textbf{SecondaryDealerNumber.}}$

Identifies secondary dealer number if different than primary "Dealer Number"

Name	SecondaryDealerNumber
Abstract	no

XML Instance Representation



Sender

These field(s) use this type: **Sender.**

Name	Sender
------	--------

Abstract

no

Field / Component	Description	R/O	Business Rule
LogicalId	Provides the logical location of the server and applications from which the Business Object Document originated. It can be used to establish logical to physical mapping, however its use is optional. Each system combination of systems should maintain an external central reference table containing the logical names or logical addresses of the applicat systems in the integration configuration. This enables the logical name to be mapped to the physical network addresses of the resources need on the network. Note: The technical implementation of this Domain Naming Service is not dictated by this specification. This logical to physical mapping may be done at execution time by the application it or by a middleware transport mechanism, depending on the integration architecture used. This provides for a simple but effective directory access capability while maintaining application independence from the physical location of those resources on the network	a or ion es ed self n	
Component	Provides a finer level of control than Logical Identifier and represents business application that issued the Business Object Document. Its us optional. For STAR's use this is the DCS Software code name		
Task	Describes the business event that initiated the need for the Business Object Document to be created. For STAR, the task is defined in the Implementation Guidelines for each BOD. It is usually a short description of the BOD. Ex: SalesLead, CreditDecision, etc.	R	
ReferenceId	Enables the sending application to indicate the instance identifier of t event or task that caused the BOD to be created. This is used to corre a response BOD to an originating BOD		
AuthorizationId	Identifyies the authorization level of the user or application that is sending the Business Object Document Message. This authorization being recognized be the receiving system indicates what can be done the receiving system. For STAR, this is the User ID.		
CreatorNameCode	DCS Software Creator Code	R	

Field / Component	Description	R/O	Business Rule
SenderNameCode	Additional information about the sending platform (i.e., Short MFG or DSP code).	R	Must use a valid code from the ShortMfg/RSP list on http://www.starstandards.org
SenderURI	Physical address of the sender	О	
DealerNumber	Dealer Code of source of information	О	
StoreNumber	Dealer code store number (DMS assigned)	О	
AreaNumber	Dealer code area number (DMS vendor assigned)	О	
DealerCountry	Source Dealer country location	О	
Language	This code is used to define the language of the data used in this transaction	0	
DeliverPendingMailInd	Indicates if the user requests to receive pending mail that has been stored and has yet not been delivered yet. By selecting 0, the user will only receive the response for the current transaction the user is performing.	l O	1 - Receive Pending Mail. 0 - Do not receive pending mail.
Password	Token for application specific authentication. Used to authenticate dealership/users through application specific security	0	
SystemVersion	The sender's software version number.	О	
PartyId	The Party Id field uniquely identifies the Sender of the message. This element can be used for parties within the Automotive Community as well as external parties. Party Id is not intended as a replacement for the Dealer Number. Suggested formats for OEMs or other large institutions include: DUNs Number, ShortMfgCode + DUNs, or ShortMfgCode. The suggested format for Dealers is: ShortMfgCode+Dealer Number.	O	
LocationId	The Location Id field uniquely identifies the location of the Sender of a message. This Id may be aligned with a physical address or data centers. This field provides an additional level of granularity beyond the usage of the Party Id for additional routing and deliver of data.		
ServiceId	The Service Id field identifies the particular service from which a message is being sent, e.g., an inventory service.	О	

XML Instance Representation

```
<...>
 <LogicalId> Text </LogicalId> [0..1]
 <Component> Text </Component> [1]
 <Task> Text </Task> [1]
 <ReferenceId> Reference </ReferenceId> [0..1]
 < AuthorizationId > Id < / AuthorizationId > [0..1]
 <CreatorNameCode> Text </CreatorNameCode> [1]
 <SenderNameCode> ShortMfg </SenderNameCode> [1]
 <SenderURI> URI </SenderURI> [0..1]
 <DealerNumber> PartyId </DealerNumber> [0..1]
 <StoreNumber> Text </StoreNumber> [0..1]
 <AreaNumber> Text </AreaNumber> [0..1]
 <DealerCountry> Country /DealerCountry> [0..1]
 <Language> Language </Language> [0..1]
 <DeliverPendingMailInd> Indicator </DeliverPendingMailInd> [0..1]
 <Password> Text </Password> [0..1]
 <SystemVersion> SystemVersion </SystemVersion> [0..1]
 <PartyId> PartyId </PartyId> [0..1]
 <LocationId> LocationId </LocationId> [0..1]
 <ServiceId> ServiceId </ServiceId> [0..1]
</...>
```

SenderBase

Name	SenderBase
Abstract	no

Field / Component	Description	R/O	Business Rule
LogicalId	Provides the logical location of the server and applications from which the Business Object Document originated. It can be used to establish a logical to physical mapping, however its use is optional. Each system or combination of systems should maintain an external central reference table containing the logical names or logical addresses of the application systems in the integration configuration. This enables the logical names to be mapped to the physical network addresses of the resources needed on the network. Note: The technical implementation of this Domain Naming Service is not dictated by this specification. This logical to physical mapping may be done at execution time by the application itsel or by a middleware transport mechanism, depending on the integration architecture used. This provides for a simple but effective directory access capability while maintaining application independence from the physical location of those resources on the network	1	
Component	Provides a finer level of control than Logical Identifier and represents the business application that issued the Business Object Document. Its use it optional. For STAR's use this is the DCS Software code name		
Task	Describes the business event that initiated the need for the Business Object Document to be created. For STAR, the task is defined in the Implementation Guidelines for each BOD. It is usually a short description of the BOD. Ex: SalesLead, CreditDecision, etc.	R	
ReferenceId	Enables the sending application to indicate the instance identifier of the event or task that caused the BOD to be created. This is used to correlate a response BOD to an originating BOD		
AuthorizationId	Identifyies the authorization level of the user or application that is sending the Business Object Document Message. This authorization level being recognized be the receiving system indicates what can be done on the receiving system. For STAR, this is the User ID.		

XML Instance Representation

```
<...>
    <LogicalId> Text </LogicalId> [0..1]
    <Component> Text </Component> [1]
    <Task> Text </Task> [1]
```

- <ReferenceId> Reference </ReferenceId> [0..1]
- <AuthorizationId> Id </AuthorizationId> [0..1]

</...>

ServiceContractBase

Name	ServiceContractBase
Abstract	no

Field / Component	Description	R/O	Business Rule
ContractCompanyName	Service contract company name	О	
ContractId	Identification of Service Contract	О	
ContractPlanCode	Service Contract Plan Code	О	
ContractType	Service contract type and/or area of coverage	0	Examples: Aftermarket; OEM Prepaid
ContractPlanDescription	Description of service plan. Example: 36 MONTH/36000 MILE"	О	
Term	Number of months in contract plan	О	'length' attribute needs to be Months.
ContractStartDate	Service Contract sale Date	0	In YYYY-MM-DD format.
ContractDeductible	Amount of Deductible at time of service Eg:\$50.00	О	
ContractExpirationDate	Date the Service contract expires	О	In YYYY-MM-DD format.
ContractStartMileage	Odometer reading when contract becomes effective	0	Values on uom attribute: K - Kilometers, M - Miles.
ContractTermMileage	Mileage allowed under terms of service contract	О	Values on uom attribute: K - Kilometers, M - Miles

Field / Component	Description	R/O	Business Rule
ContractOwnerName	Name on service Contract (i.e., full name - First Last)	0	Format should be 'First Last' with no commas between first and last.
InsuranceCompanyName	Memo Field for carrier covering extended service contract	О	
TotalContractAmount	Total amount of the service contract.	О	
ContractNote	Free form comments that relate to the contract	O	

XML Instance Representation

```
<...>
 <ContractCompanyName> ContractCompanyName </ContractCompanyName> [0..1]
 <ContractId> ContractId </ContractId> [0..1]
 <ContractPlanCode> ContractPlanCode </ContractPlanCode> [0..1]
 <ContractType> ContractType </ContractType> [0..1]
 <ContractPlanDescription> ContractPlanDescription </ContractPlanDescription> [0..1]
 <Term> Term </Term> [0..1]
 <ContractStartDate> ContractStartDate </ContractStartDate> [0..1]
 <ContractDeductible> ContractDeductible </ContractDeductible> [0..1]
 <ContractExpirationDate> ContractExpirationDate /ContractExpirationDate> [0..1]
 <ContractStartMileage> ContractStartMileage </ContractStartMileage> [0..1]
 <ContractTermMileage> ContractTermMileage /ContractTermMileage> [0..1]
 <ContractOwnerName> ContractOwnerName </ContractOwnerName> [0..1]
 <InsuranceCompanyName> InsuranceCompanyName </InsuranceCompanyName> [0..1]
 <TotalContractAmount> TotalContractAmount </TotalContractAmount> [0..1]
 <ContractNote> ContractNote </ContractNote> [0..1]
</...>
```

ServiceContractStatus

These field(s) use this type: **ServiceContractStatus.**

Status of the service contract

Name	ServiceContractStatus
------	-----------------------

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
StatusType	Defines the type of status that occured.	О	
StatusCode	A code identifying the reason for a status message.	О	
StatusText	Descriptive status text.	О	

XML Instance Representation

```
<...>
    <StatusType> StatusType </StatusType> [0..1]
    <StatusCode> StatusCode </StatusCode> [0..1]
    <StatusText> StatusText </StatusText> [0..1]
    </...>
```

ServiceId

These field(s) use this type: **ServiceId.**

The Service Id field identifies the particular service to or from which a message is being sent, e.g., an inventory service.

Name	ServiceId
Abstract	no

XML Instance Representation



ServiceTechnician

These field(s) use this type: **PDITechnician.**

Name	ServiceTechnician
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Social security number or other legal document Id of technician	0	Values: LegalId, NationalId, Other
TechnicianName	Name of technician assigned to RO	О	Should be in 'First Last' with no commas between first and last name.
TeamName	Team assigned to Repair Order	О	
TechnicianSkillArea	Type of training required to perform the labor operation	О	
TechnicianSkillLevel	Level of training required to perform the labor operation	О	

XML Instance Representation

Signature

These field(s) use this type: **Signature.**

Name	Signature
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
qualifyingAgency		О	

Data Elements and Components

Field / Component Description R/O Business Rule

XML Instance Representation

<... qualifyingAgency="Text [0..1]">
Allow any elements from any namespace (strict validation). [0..1]
</...>

SoldFinancing

These field(s) use this type: **Financing.**

Name	SoldFinancing
Abstract	no

Field / Component	Description	R/O	Business Rule
FinanceType	Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc	О	
PaymentAmount	Monthly Payment Amount	О	
BalanceAmount	Remaining balance on Current Vehicle	О	
FinalAmount	Last month payment amount	О	
ResidualAmount	Remaining residual on current vehicle	О	

Field / Component	Description	R/O	Business Rule
Term	Number of months of contract term	О	
MaturityDate	Month and year of contract maturity	O	
FinanceCompanyName	Name of Finance Company	O	
DownPaymentAmount	Down Payment amount or amount of cap cost reduction.	O	
PurchasePrice	Purchase Price or Gross Cap cost specified in deal. Total payments at en of purchase	ndO	
ApprovedInd	Approved Indicator	0	Values: 0 - Not Pre-Approved. 1 - Pre-Approved.
ApprovedAmount	Amount pre-approved	О	
ExpirationDate	Date pre-approval expires	О	
RatingIndex	Rating Index Used for Credit Approval	0	
MiscellaneousNotes	Free form miscellaneous comments.	0	
AnnualPercentageRate	Annual percentage rate.	O	
FleetAccount	Lessor Fleet Account number indicating that this is a Fleet Transaction	O	
PromotionalRateInd	Promotional lease rate was used	O	
Тах	Financing taxes	O	
ProgramsAndRates	Programs And Rates associated with Financing	0	
LienholderParty	Vehicle Lienholder	O	
Address	Finance organization address	O	
Contact	Finance organization contact information	О	

XML Instance Representation

<...>
<FinanceType> FinanceType </FinanceType> [0..1]

```
<PaymentAmount> PaymentAmount PaymentAmount> [0..1]
<BalanceAmount> BalanceAmount </BalanceAmount> [0..1]
<FinalAmount> FinalAmount </FinalAmount> [0..1]
< Residual Amount > Residual Amount < / Residual Amount > [0..1]
<Term> Term </Term> [0..1]
<MaturityDate> MaturityDate </MaturityDate> [0..1]
<FinanceCompanyName> FinanceCompanyName </FinanceCompanyName> [0..1]
<DownPaymentAmount> DownPaymentAmount </DownPaymentAmount> [0..1]
<PurchasePrice> PurchasePrice </PurchasePrice> [0..1]
<ApprovedInd> ApprovedInd </ApprovedInd> [0..1]
<a href="https://www.edamount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-approved-Amount-
<ExpirationDate> ExpirationDate </ExpirationDate> [0..1]
< RatingIndex > RatingIndex < / RatingIndex > [0..1]
<MiscellaneousNotes> MiscellaneousNotes </MiscellaneousNotes> [0..1]
<AnnualPercentageRate> AnnualPercentageRate </AnnualPercentageRate> [0..1]
<FleetAccount> FleetAccount </fleetAccount> [0..1]
<PromotionalRateInd> PromotionalRateInd /PromotionalRateInd> [0..1]
<Tax> Tax</Tax> [0..*]
<ProgramsAndRates> ProgramsAndRates </ProgramsAndRates> [0..*]
<Li>enholderParty> LienholderParty </LienholderParty> [0..*]
<Address> OrganizationAddress </Address> [0..1]
<Contact> OrganizationContact </Contact> [0..1]
```

SoldServiceContract

These field(s) use this type: **ServiceContract.**

Name	SoldServiceContract
Abstract	no

Field / Component	Description	R/O	Business Rule
ContractCompanyName	Service contract company name	О	

Field / Component	Description	R/O	Business Rule
ContractId	Identification of Service Contract	0	
ContractPlanCode	Service Contract Plan Code	0	
ContractType	Service contract type and/or area of coverage	О	Examples: Aftermarket; OEM Prepaid
ContractPlanDescription	Description of service plan. Example: 36 MONTH/36000 MILE"	О	
Term	Number of months in contract plan	О	'length' attribute needs to be Months.
ContractStartDate	Service Contract sale Date	О	In YYYY-MM-DD format.
ContractDeductible	Amount of Deductible at time of service Eg:\$50.00	О	
ContractExpirationDate	Date the Service contract expires	0	In YYYY-MM-DD format.
ContractStartMileage	Odometer reading when contract becomes effective	О	Values on uom attribute: K - Kilometers, M - Miles.
ContractTermMileage	Mileage allowed under terms of service contract	O	Values on uom attribute: K - Kilometers, M - Miles
ContractOwnerName	Name on service Contract (i.e., full name - First Last)	О	Format should be 'First Last' with no commas between first and last.
InsuranceCompanyName	Memo Field for carrier covering extended service contract	О	
TotalContractAmount	Total amount of the service contract.	0	
ContractNote	Free form comments that relate to the contract	0	
ContractEffectiveDate	Start Date of Service Contract	O	In YYYY-MM-DD format.
ContractPlanStates	States where the plan is valid	О	May occur multiple times.
ContractTransferInd	Indicates if the contract is transferable	О	Values: 1 - Yes, 0 - No.

Field / Component	Description	R/O	Business Rule
ContractTransferredInd	Indicates if the contract has been transferred	О	Values: 1 - Yes, 0 - No.
ContractTripInterruptInd	Indicates if the contract allows for trip interruption	О	
LoanerVehicleInd	Service contract loaner vehicle indicator	О	
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	О	Values: 1 - Yes, 0 - No.
RoadHazardInd	Indicates whether Roadside hazard is covered in the contract	О	Values: 1 - Yes, 0 - No.
FirstDayRentalInd	If first day rental for service is covered in contract	О	Values: 1 - Yes, 0 - No.
RentalAllowance	Limit for Rental Allowance per day	О	
MaximumRentalAmount	Max Rental Allowance per occurrence	О	
TowingAllowance	Amount allowed for towing of RENTAL car	О	
ServiceContractSalesPerson	SalesPerson of the Service Contract	О	
CoverageCode	Identifies Service Contract coverage beyond plan code and contract ty	pe O	
LienholderParty	Name of the organization with lien on vehicle	О	
NoChargeInd	Indicates customer was not charged for the service contract.	О	Values: 1 - Yes, 0 - No.
OriginalInServiceDate	The date a used vehicle went in service	О	In YYYY-MM-DD format.
ContractLienInd	Indicates the vehicle has a lien or the service contract was financed	О	
EmployeeDiscountInd	Indicates if this registration should apply OEM Employee discount	О	Values: 1 - Yes, 0 - No.
Tax	Tax calculations	О	
ContractLanguageCode	Language code indicating contract language. Contract language could different from message language.	be O	
DownPaymentAmount	Amount buyer puts down when purchasing contract.	О	

Field / Component	Description	R/O	Business Rule
ContractInstallments	Number of months of payments (ex. 1, 5, 11, 17)	О	
PaymentMethod	Method of payment.	О	
ContractExpirationDistance	The odometer reading (distance) of the vehicle when the service contra expires.	ict O	Value on uom attribute: K - Kilometers, M - Miles.
ContractPlanOption	The contract plan options.	О	
PlanBasePrice	The base cost of the contract without options.	O	
TotalPlanOptionPrice	The sum of all Plan Option prices.	О	
PurchaseNetPrice	The total amount paid by the customer net of taxes.	О	
TotalDealerAmount	Total amount paid by the dealer to the external supplier including tax (i.e., dealer cost).	О	
ContractRegistrationDate	The day the contract is registered in the originating system. (Ex. The database system).	О	In YYYY-MM-DD format.
ServiceContractStatus	The status of the Service Contract.	О	

XML Instance Representation

```
<TotalContractAmount> TotalContractAmount </TotalContractAmount> [0..1]
 <ContractNote> ContractNote </ContractNote> [0..1]
 <ContractEffectiveDate> ContractEffectiveDate </ContractEffectiveDate> [0..1]
 <ContractPlanStates> ContractPlanStates </ContractPlanStates> [0..*]
 <ContractTransferInd> ContractTransferInd </ContractTransferInd> [0..1]
 <ContractTransferredInd> ContractTransferredInd </ContractTransferredInd> [0..1]
 <ContractTripInterruptInd> ContractTripInterruptInd </ContractTripInterruptInd> [0..1]
 <LoanerVehicleInd> LoanerVehicleInd </LoanerVehicleInd> [0..1]
 <RoadsideAssistanceInd> RoadsideAssistanceInd </RoadsideAssistanceInd> [0..1]
 < RoadHazardInd > RoadHazardInd < / RoadHazardInd > [0..1]
 <FirstDayRentalInd> FirstDayRentalInd /FirstDayRentalInd> [0..1]
 <RentalAllowance> RentalAllowance </RentalAllowance> [0..1]
 <MaximumRentalAmount> MaximumRentalAmount /MaximumRentalAmount> [0..1]
 <TowingAllowance> TowingAllowance </TowingAllowance> [0..1]
 <ServiceContractSalesPerson> SalesPersonParty </ServiceContractSalesPerson> [0..1]
 <CoverageCode> CoverageCode </CoverageCode> [0..1]
 <Li>enholderParty> LienholderParty </LienholderParty> [0..*]
 <NoChargeInd> NoChargeInd </NoChargeInd> [0..1]
 <OriginalInServiceDate> OriginalInServiceDate 
 <ContractLienInd> ContractLienInd </ContractLienInd> [0..1]
 <EmployeeDiscountInd> EmployeeDiscountInd </EmployeeDiscountInd> [0..1]
 < Tax > Tax < / Tax > [0..*]
 <ContractLanguageCode> ContractLanguageCode </ContractLanguageCode> [0..1]
 <DownPaymentAmount> DownPaymentAmount </DownPaymentAmount> [0..1]
 <ContractInstallments> ContractInstallments </ContractInstallments> [0..1]
 <PaymentMethod> PaymentMethod </PaymentMethod> [0..1]
 <ContractExpirationDistance> ContractExpirationDistance </ContractExpirationDistance> [0..1]
 <ContractPlanOption> ContractPlanOption </ContractPlanOption> [0..*]
 <PlanBasePrice> PlanBasePrice </PlanBasePrice> [0..1]
 <TotalPlanOptionPrice> TotalPlanOptionPrice </TotalPlanOptionPrice> [0..1]
 <PurchaseNetPrice> PurchaseNetPrice </PurchaseNetPrice> [0..1]
 <TotalDealerAmount> TotalDealerAmount </TotalDealerAmount> [0..1]
 <ContractRegistrationDate> ContractRegistrationDate </ContractRegistrationDate> [0..1]
 <ServiceContractStatus> ServiceContractStatus /ServiceContractStatus> [0..*]
</...>
```

SoldVehicle

These field(s) use this type: **Vehicle.**

Name	SoldVehicle
Abstract	no

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	0	
ModelYear	Vehicle designated model year	О	
ModelDescription	Descriptive vehicle model name	О	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	0	
SaleClass	Class of Sale	О	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	О	
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	О	
VehicleNote	Any vehicle related notes	О	
VIN	Federally defined 17 position vehicle identification number	О	
DeliveryMileage	Odometer reading of vehicle at time of delivery	О	Values on uom attribute: K - Kilometers, M - Miles
VehicleStock	Dealer assigned vehicle stock number	О	
TrimCode	Manufacturer assigned trim code	О	
DoorsQuantity	Number of doors on vehicle	О	
BodyStyle	Manufacturer-assigned vehicle body style	О	

Field / Component	Description	R/O	Business Rule
InteriorColor	Vehicle Interior Color(s)	О	May occur multiple times.
ExteriorColor	Vehicle Exterior Color(s)	О	May occur multiple times.
TransmissionType	Vehicle Transmission type	О	Values: 3 - 3 speed, 4 - 4 speed, 5 - 5 speed, 6 - 6 speed, A - Automatic
OdometerStatus	Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.	0	
NonUSVehicleInd	Indicates whether the vehicle was produced for the United States or not	0	Values: 0 - Created fo US Sale. 1 - Created for sale outside of the US.
VehicleDemoInd	Indicates whether vehicle was ever a demo	О	Values: 0 - Was or is not a demo. 1 - Was or is a demo.
LicenseNumber	State License plate number of vehicle	О	
BrandedInfo	Vehicle Branding Information	О	
RestrictionInd	Indication that vehicle has restrictions on its use	О	Values: 1 - Yes, 0 - No.
RestrictionDescription	Description of vehicle use restrictions	О	
TelematicsServiceInd	Indication whether Telematics Service Subscription is turned on	О	
Option	Vehicle Options	О	
TransmissionCode	Transmission Serial Number	О	
DeliveryDate	The date of original retail vehicle sale	О	In YYYY-MM-DD format.
EngineNumber	Serial number of the engine if vehicle not made for US sale	О	
IgnitionKeyNumber	Vehicle Ignition Key Number	О	
AxleCode	The code on the axle of the vehicle.	О	

Field / Component	Description	R/O	Business Rule
FleetAccount	Manufacturer defined fleet account number	O	
FleetVehicleId	Uniquely identifies the vehicle as part of a fleet company	О	
FleetPurchaseOrderNumber	Fleet Purchase Order Number vehicle was purchased under	О	
DoorKeyNumber	Door key number	O	
VehicleWeight	Vehicle weight	O	
ExteriorColorCode	Vehicle exterior color code	O	
InteriorColorCode	Vehicle Interior color code	O	
PDIDate	Date Pre-Delivery Inspection completed at dealership	O	
RegistrationState	State or province of vehicle registration	O	
SecurityCode	Vehicle security code for entry or backup security	O	
Warranty	represents information about the OEM warranty on the vehicle	O	
ServiceContract	Service Contract	O	
PDITechnician	Pre-Delivery Inspection Technician	O	
MarketingInitiatives	Marketing Initiatives	O	
Tire	Represents information regarding the vehicleÃ#¢Â#Â#s tires	O	
EngineDisplacement	Displacement of engine (i.e., amount of volume in the cylinders)	О	
EngineDescription	Description of engine (e.g., 32 valves, hybrid, electronic, diesel, etc.)	О	
CommercialUsageInd	Indicates that the vehicles is used for commercial purposes.	О	Values: 1 - Yes, 0 - No.

XML Instance Representation

<...>
<Model> Model </Model> [0..1]

<ModelYear> ModelYear </ModelYear> [0..1]

< ModelDescription > ModelDescription < / ModelDescription > [0..1]

```
<Make> Make </Make> [0..1]
<SaleClass> SaleClass </SaleClass> [0..1]
<Condition> Condition </Condition> [0..1]
<CertifiedPreownedInd> CertifiedPreownedInd </CertifiedPreownedInd> [0..1]
< VehicleNote > VehicleNote < / VehicleNote > [0..*]
<VIN> VIN </VIN> [0..1]
<DeliveryMileage> DeliveryMileage </DeliveryMileage> [0..1]
< VehicleStock > VehicleStock < / VehicleStock > [0..1]
<TrimCode> TrimCode </TrimCode> [0..1]
<DoorsQuantity> DoorsQuantity </DoorsQuantity> [0..1]
<BodyStyle> BodyStyle </BodyStyle> [0..1]
<InteriorColor> InteriorColor </InteriorColor> [0..*]
< Exterior Color > Exterior Color < / Exterior Color > [0..*]
<TransmissionType> TransmissionType </TransmissionType> [0..1]
<OdometerStatus> OdometerStatus </OdometerStatus> [0..1]
<NonUSVehicleInd> NonUSVehicleInd </NonUSVehicleInd> [0..1]
<VehicleDemoInd> VehicleDemoInd </VehicleDemoInd> [0..1]
<LicenseNumber> LicenseNumber </LicenseNumber> [0..1]
<BrandedInfo> BrandedInfo </BrandedInfo> [0..1]
<RestrictionInd> RestrictionInd </RestrictionInd> [0..1]
<RestrictionDescription> RestrictionDescription 
<TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]
<Option> ExpandedOption </Option> [0..*]
<TransmissionCode> TransmissionCode </TransmissionCode> [0..1]
<DeliveryDate> DeliveryDate [0..1]
< Engine Number > Engine Number < / Engine Number > [0..1]
<IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]
<AxleCode> AxleCode </AxleCode> [0..1]
<FleetAccount> FleetAccount /FleetAccount> [0..1]
<FleetVehicleId> FleetVehicleId /FleetVehicleId> [0..1]
<FleetPurchaseOrderNumber> FleetPurchaseOrderNumber </FleetPurchaseOrderNumber> [0..1]
<DoorKeyNumber> DoorKeyNumber /DoorKeyNumber> [0..1]
<VehicleWeight> VehicleWeight /VehicleWeight> [0..1]
<ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..*]
<InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..*]
<PDIDate> PDIDate </PDIDate> [0..1]
< RegistrationState > RegistrationState < / RegistrationState > [0..1]
```

```
<SecurityCode> SecurityCode </SecurityCode> [0..1]

<Warranty> WarrantyAdditional </Warranty> [0..*]

<ServiceContract> SoldServiceContract </ServiceContract> [0..*]

<PDITechnician> ServiceTechnician </PDITechnician> [0..1]

<MarketingInitiatives> MarketingInitiatives </MarketingInitiatives> [0..*]

<Tire> Tire </Tire> [0..*]

<EngineDisplacement> EngineDisplacement </EngineDisplacement> [0..1]

<EngineDescription> EngineDescription </EngineDescription> [0..1]

<CommercialUsageInd> CommercialUsageInd </CommercialUsageInd> [0..1]

</...>
```

SpecialProgramDescription

These field(s) use this type: **SpecialProgramDescription.**

The description of the special program (First Time Buyer, College Graduate, etc.) being applied to the deal.

Name	SpecialProgramDescription
Abstract	no

XML Instance Representation

```
<...
language="Language [0..1]">
Description
</...>
```

SpecialProgramDetail

These field(s) use this type: **SpecialProgramDetail.**

Name	SpecialProgramDetail
Abstract	no

Field / Component	Description	R/O	Business Rule
SpecialProgramDescription	The description of the special program (First Time Buyer, College Graduate, etc.) being applied to the deal.	О	
SpecialPrograms	Code identifying the special program (First Time Buyer, College Graduate, etc.) being applied to the deal.	О	

XML Instance Representation

```
<...>
    <SpecialProgramDescription> SpecialProgramDescription </SpecialProgramDescription> [0..1]
    <SpecialPrograms> SpecialPrograms </SpecialPrograms> [0..*]
    </...>
```

Tax

These field(s) use this type: **Tax,Tax.**

Name	Tax
Abstract	no

Field / Component	Description	R/O	Business Rule
ТахТуре	Identifies the type tax.	R	
TaxDescription	Free form text description of tax amount.	О	
TaxAmount	Actual amount of tax paid.	О	
UnitSalesTaxAmount	Unit amount of sales tax.	O	
TaxRate	Tax Percentage Rate	О	
TotalTaxableAmount	Total taxble price	О	
NonTaxableAmount	Total non-taxble price	О	

Field / Component	Description	R/O	Business Rule
TaxTypeId	Tax type identification	0	Values: CS – City, CP – County, ST – State, OT – Other, GST- Goods and Services tax, EX – Excise, VAT – VAT, PST - Provincial Sales Tax, RT – Rental, Tax HST - Harmonized Tax, ART - Air Tax, QST - Quebec Sales Tax
TaxabilityInd	Determines whether the dealer wants to claim tax on the cost.	О	

XML Instance Representation

TaxAmount

These field(s) use this type: **TaxAmount.**

Actual amount of tax paid.

Name	TaxAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
```

Amount

</...>

TaxDescription

These field(s) use this type: **TaxDescription**.

Free form text description of tax amount.

Name TaxDescription

Abstract no

XML Instance Representation

<... language="Language [0..1]"> Description </...>

TaxRate

These field(s) use this type: **TaxRate.**

Tax Percentage rate.

Name TaxRate

Abstract no

XML Instance Representation

<...>
 Percent </...>

TechnicianBase

Name TechnicianBase

Abstract no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
PartyId	Party Identification Number	О	
AlternatePartyIds	Social security number or other legal document Id of technician	О	Values: LegalId, NationalId, Other
TechnicianName	Name of technician assigned to RO	О	Should be in 'First Last' with no commas between first and last name.
TeamName	Team assigned to Repair Order	0	
TechnicianSkillArea	Type of training required to perform the labor operation	О	
TechnicianSkillLevel	Level of training required to perform the labor operation	О	

XML Instance Representation

Term

These field(s) use this type: $\underline{\textbf{Term,Term.}}$

Number of months of contract term

Name	Term
Abstract	no

Attributes

Field / Component	Description	R/O	Business Rule
length		R	

XML Instance Representation

```
<...
length="TermLength [0..1]">
        Count
        </...>
```

Tire

These field(s) use this type: **Tire.**

represents information regarding the vehicle $\tilde{A}\#\hat{A}\phi\hat{A}\#\hat{A}\#s$ tires

Name	Tire
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Manufacturer	Tire manufacturer	О	
TireSerialNumber	Tire Serial Number	O	
TireLocation	Location of tire on vehicle (i.e., Front Passenger, Front Driver, Rear Passenger, etc)	О	

XML Instance Representation

```
<...>
<Manufacturer> Manufacturer </Manufacturer> [0..1]
<TireSerialNumber> TireSerialNumber </TireSerialNumber> [0..1]
<TireLocation> TireLocation </TireLocation> [0..1]
```

</...>

TotalContractAmount

These field(s) use this type: **TotalContractAmount.**

Total amount of the contract.

Name	TotalContractAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

TotalDealerAmount

These field(s) use this type: **TotalDealerAmount.**

Total amount paid by the dealer to the external supplier including tax (i.e., dealer cost).

Name	TotalDealerAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

TotalPlanOptionPrice

These field(s) use this type: **TotalPlanOptionPrice.**

The sum of all the Plan Option prices.

Name	TotalPlanOptionPrice
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

TotalTaxableAmount

These field(s) use this type: **TotalTaxableAmount.**

Total taxable price.

Name	TotalTaxableAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

TowingAllowance

These field(s) use this type: **TowingAllowance.**

towing alooowance

Name	TowingAllowance
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

Tradeln

These field(s) use this type: **TradeIn.**

Name	Tradeln
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	О	
ModelYear	Vehicle designated model year	О	
ModelDescription	Descriptive vehicle model name	О	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	О	
VIN	VIN of trade in vehicle	О	
ExteriorColor	Vehicle Exterior Color(s)	О	
TradeInMileage	Odometer reading of vehicle at time of delivery	0	Values on uom attribute: K - Kilometers, M - Miles.
Manufacturer	Manufacture of the trade-in	О	
TradeInOffLeaseCode	Indicates if a vehicle is a trade-in or is coming off lease. Ex: T or O	O	

XML Instance Representation

TradeInMileage

These field(s) use this type: **TradeInMileage.**

Odometer reading of vehicle at time of delivery

Name	TradeInMileage
Abstract	no

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
Mileage
</...>
```

UnitSalesTaxAmount

These field(s) use this type: **UnitSalesTaxAmount.**

Unit amount of sales tax.

Name	UnitSalesTaxAmount
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

UpfrontMileageRate

These field(s) use this type: **<u>UpfrontMileageRate.</u>**

The amount of miles charged for miles purchased upfront.

Name	UpfrontMileageRate
Abstract	no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

UpfrontMiles

These field(s) use this type: $\underline{\textbf{UpfrontMiles.}}$

The number of miles purchased at contract commencement

Name	UpfrontMiles
Abstract	no

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
Mileage
</...>
```

UpfrontMilesAmount

These field(s) use this type: **<u>UpfrontMilesAmount.</u>**

UpfrontMiles multiplied by the UpfrontMileageRate.

Abstract no

XML Instance Representation

```
<...
currency="Currency [1]">
Amount
</...>
```

Vehicle

Name	Vehicle
Abstract	no

Data Elements and Components

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	О	
ModelYear	Vehicle designated model year	O	
ModelDescription	Descriptive vehicle model name	O	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	О	

XML Instance Representation

<...>

```
<Model> Model </Model> [0..1]
<ModelYear> ModelYear </ModelYear> [0..1]
<ModelDescription> ModelDescription </ModelDescription> [0..1]
<Make> Make </Make> [0..1]
</...>
```

VehicleBase

Name	VehicleBase
Abstract	no

Field / Component	Description	R/O	Business Rule
Model	Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)	0	
ModelYear	Vehicle designated model year	O	
ModelDescription	Descriptive vehicle model name	O	
Make	Vehicle make code - Usually available in the VIN number (use NCIC code).	0	
SaleClass	Class of Sale	O	
Condition	Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown	О	
CertifiedPreownedInd	Identifies as a certified Pre-Owned Vehicle	О	
VehicleNote	Any vehicle related notes	О	
VIN	Federally defined 17 position vehicle identification number	O	
DeliveryMileage	Odometer reading of vehicle at time of delivery	O	Values on uom attribute: K - Kilometers, M - Miles
VehicleStock	Dealer assigned vehicle stock number	О	

Field / Component	Description	R/O	Business Rule
TrimCode	Manufacturer assigned trim code	О	
DoorsQuantity	Number of doors on vehicle	О	
BodyStyle	Manufacturer-assigned vehicle body style	O	
InteriorColor	Vehicle Interior Color(s)	О	May occur multiple times.
ExteriorColor	Vehicle Exterior Color(s)	О	May occur multiple times.
TransmissionType	Vehicle Transmission type	0	Values: 3 - 3 speed, 4 - 4 speed, 5 - 5 speed, 6 - 6 speed, A - Automatic
OdometerStatus	Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.	0	
NonUSVehicleInd	Indicates whether the vehicle was produced for the United States or not	O	Values: 0 - Created fo US Sale. 1 - Created for sale outside of the US.
VehicleDemoInd	Indicates whether vehicle was ever a demo	О	Values: 0 - Was or is not a demo. 1 - Was or is a demo.
LicenseNumber	State License plate number of vehicle	О	
BrandedInfo	Vehicle Branding Information	О	
RestrictionInd	Indication that vehicle has restrictions on its use	О	Values: 1 - Yes, 0 - No.
RestrictionDescription	Description of vehicle use restrictions	О	
TelematicsServiceInd	Indication whether Telematics Service Subscription is turned on	О	

XML Instance Representation

```
<...>
  <Model> Model </Model> [0..1]
  <ModelYear> ModelYear </ModelYear> [0..1]
  <ModelDescription> ModelDescription </ModelDescription> [0..1]
```

```
<Make> Make </Make> [0..1]
<SaleClass> SaleClass </SaleClass> [0..1]
<Condition> Condition </Condition> [0..1]
<CertifiedPreownedInd> CertifiedPreownedInd </CertifiedPreownedInd> [0..1]
< VehicleNote > VehicleNote < / VehicleNote > [0..*]
<VIN> VIN </VIN> [0..1]
<DeliveryMileage> DeliveryMileage </DeliveryMileage> [0..1]
< VehicleStock > VehicleStock < / VehicleStock > [0..1]
<TrimCode> TrimCode </TrimCode> [0..1]
<DoorsQuantity> DoorsQuantity </DoorsQuantity> [0..1]
<BodyStyle> BodyStyle </BodyStyle> [0..1]
<InteriorColor> InteriorColor </InteriorColor> [0..*]
< Exterior Color > Exterior Color < / Exterior Color > [0..*]
<TransmissionType> TransmissionType </TransmissionType> [0..1]
<OdometerStatus> OdometerStatus </OdometerStatus> [0..1]
<NonUSVehicleInd> NonUSVehicleInd </nonUSVehicleInd> [0..1]
<VehicleDemoInd> VehicleDemoInd </VehicleDemoInd> [0..1]
<LicenseNumber> LicenseNumber </LicenseNumber> [0..1]
<BrandedInfo> BrandedInfo </BrandedInfo> [0..1]
<RestrictionInd> RestrictionInd </RestrictionInd> [0..1]
<RestrictionDescription> RestrictionDescription 
<TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]
```

VehicleWeight

These field(s) use this type: **VehicleWeight.**

Vehicle Weight

Name	VehicleWeight
Abstract	no

XML Instance Representation

<...>
Measurement

</...>

Verb

These field(s) use this type: **Verb.**

Name	Verb
Abstract	no

Data Elements and Components

Field / Component Description R/O Business	
--	--

XML Instance Representation

<.../>

Warranty

Name	Warranty
Abstract	no

Field / Component	Description	R/O	Business Rule
WarrantyStartMileage	Mileage at start date of vehicle warranty	0	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyEndMileage	Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair	0	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyStartDate	Start date of vehicle warranty	О	In YYYY-MM-DD format.

Field / Component	Description	R/O	Business Rule
WarrantyExpirationDate	Last date of vehicle warranty coverage for warranty currently in force at time of repair	О	In YYYY-MM-DD format.
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	O	Values: 1 - Yes, 0 - No.
MasterShieldInd	Indicates if vehicle is covered by the Master Shield Extended warranty	O	Values: 1 - Yes, 0 - No.
WarrantyTransferInd	Indicates if warranty is transferable	О	Values: 1 - Yes, 0 - No.
WarrantyTypeDescription	Description of type of warranty Example: Basic /Powertrain, etc.	О	
WarrantyStatus	Whether warranty is still applicable	О	
WarrantyRemaining	Defines how much warranty is left, either in time or miles	О	
WarrantyNotes	Any Warranty related Notes	О	

XML Instance Representation

WarrantyAdditional

These field(s) use this type: Warranty.

Name	WarrantyAdditional
Abstract	no

Field / Component	Description	R/O	Business Rule
WarrantyStartMileage	Mileage at start date of vehicle warranty	О	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyEndMileage	Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair	О	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyStartDate	Start date of vehicle warranty	О	In YYYY-MM-DD format.
WarrantyExpirationDate	Last date of vehicle warranty coverage for warranty currently in force at time of repair	O	In YYYY-MM-DD format.
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	О	Values: 1 - Yes, 0 - No.
MasterShieldInd	Indicates if vehicle is covered by the Master Shield Extended warranty	О	Values: 1 - Yes, 0 - No.
WarrantyTransferInd	Indicates if warranty is transferable	О	Values: 1 - Yes, 0 - No.
WarrantyTypeDescription	Description of type of warranty Example: Basic /Powertrain, etc.	О	
WarrantyStatus	Whether warranty is still applicable	О	
WarrantyRemaining	Defines how much warranty is left, either in time or miles	О	
WarrantyNotes	Any Warranty related Notes	О	
ReceiptNumber	Numeric identifier found on the carrier's receipt when a vehicle is delivered to the dealer	0	
DelayedInspectionCode	Explains why a vehicle cannot be initially inspected once it arrives at a dealer (ie: dealer closed, no one around to sign for vehicle)	0	
VehicleArrivalDate	The date the original retail vehicle is delivered to a dealer.	О	

XML Instance Representation

```
<...>
 <WarrantyStartMileage> WarrantyStartMileage </WarrantyStartMileage> [0..1]
 <WarrantyEndMileage> WarrantyEndMileage </WarrantyEndMileage> [0..1]
 <WarrantyStartDate> WarrantyStartDate </WarrantyStartDate> [0..1]
 <WarrantyExpirationDate> WarrantyExpirationDate </WarrantyExpirationDate> [0..1]
 <RoadsideAssistanceInd> RoadsideAssistanceInd </RoadsideAssistanceInd> [0..1]
  <MasterShieldInd> MasterShieldInd </MasterShieldInd> [0..1]
 <WarrantyTransferInd> WarrantyTransferInd </WarrantyTransferInd> [0..1]
 <WarrantyTypeDescription> WarrantyTypeDescription </WarrantyTypeDescription> [0..1]
 <WarrantyStatus> WarrantyStatus </WarrantyStatus> [0..1]
 <WarrantyRemaining> WarrantyRemaining </WarrantyRemaining> [0..1]
 <WarrantyNotes> WarrantyNotes </WarrantyNotes> [0..1]
 <ReceiptNumber> ReceiptNumber </ReceiptNumber> [0..1]
 <DelayedInspectionCode> DelayedInspectionCode </DelayedInspectionCode> [0..1]
 <VehicleArrivalDate> VehicleArrivalDate </VehicleArrivalDate> [0..1]
</...>
```

WarrantyBase

Name	WarrantyBase
Abstract	no

Field / Component	Description	R/O	Business Rule
WarrantyStartMileage	Mileage at start date of vehicle warranty	0	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyEndMileage	Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair	0	Values on uom attribute: K - Kilometers, M - Miles.
WarrantyStartDate	Start date of vehicle warranty	О	In YYYY-MM-DD format.

Field / Component	Description	R/O	Business Rule
WarrantyExpirationDate	Last date of vehicle warranty coverage for warranty currently in force at time of repair	О	In YYYY-MM-DD format.
RoadsideAssistanceInd	Indicates whether coverage includes roadside assistance	О	Values: 1 - Yes, 0 - No.
MasterShieldInd	Indicates if vehicle is covered by the Master Shield Extended warranty	О	Values: 1 - Yes, 0 - No.
WarrantyTransferInd	Indicates if warranty is transferable	О	Values: 1 - Yes, 0 - No.
WarrantyTypeDescription	Description of type of warranty Example: Basic /Powertrain, etc.	О	
WarrantyStatus	Whether warranty is still applicable	О	
WarrantyRemaining	Defines how much warranty is left, either in time or miles	О	
WarrantyNotes	Any Warranty related Notes	О	

XML Instance Representation

WarrantyEndMileage

These field(s) use this type: WarrantyEndMileage.

Mileage limit for vehicle warranty coverage for warranty currently in force at time of repair

Name	WarrantyEndMileage
Abstract	no

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
Mileage
</...>
```

WarrantyStartMileage

These field(s) use this type: WarrantyStartMileage.

Mileage at start Date of vehicle warranty

Name	WarrantyStartMileage
Abstract	no

XML Instance Representation

```
<...
uom="MileageMeasure [0..1]">
Mileage
</...>
```

WarrantyTypeDescription

These field(s) use this type: WarrantyTypeDescription.

A code used to classify into coverage categories

Name	WarrantyTypeDescription
Abstract	no

XML Instance Representation

```
<...
language="Language [0..1]">
Description
</...>
```

Accounting Date

Month and year accounting date conforms to ISO 8601 format rules Ex: $\d\d\d\d$

Name Accounting Date

Base XSD Type: gYearMonth

AcquisitionMethod

These field(s) use this type: **AcquisitionMethod.**

method of acquisition

Name AcquisitionMethod

Base XSD Type: string

AddressLine

These field(s) use this type: **AddressLine**.

Indicates the multiple lines of an address. The first line is typically the street name and number.

Name AddressLine

Base XSD Type: string

AddressQualifier

Address Qualifier

Name	AddressQualifier
Base XSD Type: string	
Code Value	Description
WorkAddress	Work Address
SeasonalAddress	Seasonal Address
DeliveryAddress	Delivery Address
HomeAddress	Home Address
PreviousAddress	Previous Address
Other	Other
Garage	Garage
Billing	Billing
NonSigningSpouseAddress	Non Signing Spouse Address
N/A	Not Applicable

ApprovedInd

These field(s) use this type: **ApprovedInd.**

Approved Indicator

Name	ApprovedInd	
Base XSD Type: string		
Code Value	Description	
0		
1		

AssigningOrganizationPartyld

These field(s) use this type: **AssigningPartyId.**

Assigning Organization Party Id

Name	AssigningOrganizationPartyId
Base XSD Type: string	
Code Value	Description
LegalId	Legal ID
NationalId	Government-assigned ID such as a social security Number
Other	Other
DUNS	Dun and Bradstreet
MotorDealerRegistrationId	Department of Motor Vehicle Registration number for a dealer. This is the dealer's license number to do business.
GSTRegistrationId	Canadian Goods and Services Tax Id.
HSTRegistrationId	Canadian HarmonizedTax Id.
Certification Of Registration Id	Id of the certificate of registration assigned to a business to allow that business to collect and remit certain taxes or fees to a state.
QSTRegistrationId	Quebec sales tax id.

AssigningPartyId

These field(s) use this type: $\underline{\textbf{AssigningPartyId.}}$

Agency or entity that validates the Party Id

Base XSD Type: string

Code Value	Description
LegalId	Legal ID
DriversLicense	Drivers License
NationalId	Government-assigned ID such as a social security Number
Other	Other
GSTRegistrationId	Canadian Goods and Services Tax Id.
HSTRegistrationId	Canadian HarmonizedTax Id.
PreviousAccountNumber	
QSTRegistrationId	Quebec sales tax id.

AuthorizationNumber

These field(s) use this type: **AuthorizationNumber, AuthorizationNumber.**

Authorization Number

Name AuthorizationNumber

Base XSD Type: string

AxleCode

These field(s) use this type: **AxleCode.**

The code on the axle of the vehicle.

Name AxleCode

Base XSD Type: string

BirthDate

These field(s) use this type: **BirthDate.**

Birth date of party

Name BirthDate

Base XSD Type: date

BodyStyle

These field(s) use this type: $\underline{\textbf{BodyStyle.}}$

Manufacturer-assigned vehicle body style

Name BodyStyle

Base XSD Type: string

BrandedTitleDate

These field(s) use this type: **BrandedTitleDate.**

Branding Date

Name BrandedTitleDate

Base XSD Type: date

BrandedTitleInd

These field(s) use this type: **BrandedTitleInd.**

This tag indicates if a vehicle's title has been branded. (i.e., vehicle totaled and state registration title branded as such)

Name BrandedTitleInd

Base XSD Type: string

Code Value	Description
0	
1	

BrandingSource

These field(s) use this type: **BrandingSource.**

Branding source (i.e., source who says that the vehicle is branded)

Name BrandingSource

Base XSD Type: string

BrandingStateReference

These field(s) use this type: **BrandingStateReference.**

Branding State Reference Number

Name BrandingStateReference

Base XSD Type: string

CertifiedPreownedInd

These field(s) use this type: **CertifiedPreownedInd.**

Identifies as a certified Pre-Owned Vehicle

Name	CertifiedPreownedInd	
Base XSD Type: string		
Code Value	Description	
0		

Code Value	Description
1	

City

These field(s) use this type: **City.**

City of the Address.

Name City

Base XSD Type: string

Code

These field(s) use this type: **BODId.**

Unique code name

Name Code

Base XSD Type: string

CommercialUsageInd

These field(s) use this type: **CommercialUsageInd.**

Indicates that the planned use of the vehicle is for commercial purposes.

Name	CommercialUsageInd	
*Base XSD Type: string	Base XSD Type: string	
Code Value	Description	
0		
1		

CompanyName

These field(s) use this type: Name.

Company name of customer

Name

CompanyName

Base XSD Type: string

Condition

These field(s) use this type: **Condition.**

Condition of Vehicle - Example: Excellent, Good, Fair, Poor, Unknown

Name

Condition

Base XSD Type: string

ConfirmType

Name	ConfirmType	
Base XSD Type: N	Base XSD Type: NMTOKEN	
Code Value	Description	
Always		
OnChange		
Never		

ContactTelephoneNumberDescription

Contact Telephone Number Description

Name	ContactTelephoneNumberDescription
Base XSD Type: string	
Code Value	Description
Evening Phone	Evening Phone
Day Phone	Day Phone
Cell Phone	Cell Phone
Pager	Pager
Other	Other

${\bf Contact Telephone Number Organization Description}$

Contact Telephone Number Organization Description

Name	ContactTelephoneNumberOrganizationDescription	
Base XSD Type: string	Base XSD Type: string	
Code Value	Description	
Day Phone	Day Phone	
Cell Phone	Cell Phone	
Pager	Pager	
Other	Other	

ContactTime

These field(s) use this type: **ContactTime,ContactTime.**

Preferred contact time (i.e. Best day/time to reach the contact.

Name

ContactTime

Base XSD Type: string

ContractCompanyName

These field(s) use this type: **ContractCompanyName.**

Contract company name

Name

ContractCompanyName

Base XSD Type: string

ContractEffectiveDate

These field(s) use this type: **ContractEffectiveDate.**

Start Date of Service Contract

Name

ContractEffectiveDate

Base XSD Type: date

ContractExpirationDate

These field(s) use this type: **ContractExpirationDate.**

Date the contract expires

Name

ContractExpirationDate

Base XSD Type: date

ContractLanguageCode

These field(s) use this type: **ContractLanguageCode.**

Language code indicating contract language preference

Name	ContractLanguageCode
Base XSD Type: string	
Code Value	Description
en-US	
en-CA	
aa-ET	
ab-GE	
af-ZA	
am- ET	
ar-SA	
as-IN	
ay-BO	
az-AZ	
ba-RU	
be-BY	
bg-BG	
bh-IN	
bi-VU	
bn-BD	
bo-BT	
br-FR	
ca-ES	

Code Value	Description
co-FR	
cs-CZ	
cy-GB	
da-DE	
de-DE	
dz-BT	
el-GR	
es-ES	
et-EE	
eu-ES	
fa-AF	
fi-FI	
fj-FJ	
fo-FO	
fr-CA	
fr-FR	
fy-NL	
ga-IE	
gd-GB	
gl-ES	
gn-PY	
gu-IN	

Code Value	Description
ha-NG	
hi-IN	
hr-HR	
hu-HU	
hy-AM	
ik-GL	
in-ID	
is-IS	
it-IT	
iw-IL	
ja-JP	
ji-IL	
jw-ID	
ka-GE	
kk-KZ	
kl-GL	
km-KH	
kn-IN	
ko-KP	
ko-KR	
ks-IN	
ku-IQ	

Code Value	Description
ky-CN	
la-VA	
ln-CD	
lo-LA	
lt-LT	
lv-LV	
mg-MG	
mi-NZ	
mk-MK	
ml-IN	
mn-MN	
mo-MO	
mr-IN	
ms-MY	
mt-MH	
my-MM	
na-NR	
ne-NP	
nl-NL	
no-NO	
oc-FR	
om- ET	

Code Value	Description
or-IN	
pa-IN	
pl-PL	
ps-PK	
pt-PT	
qu-PE	
rm-CH	
rn-BI	
ro-RO	
ru-RU	
rw-RW	
sa-IN	
sd-PK	
sg-CF	
sh-HR	
si-LK	
sk-SK	
sl-SI	
sm-WS	
sn-ZW	
so-SO	
sq-AL	

Code Value	Description
sr-CS	
ss-ZA	
st-ZA	
su-SD	
sv-SE	
sw-TL	
ta-IN	
te-IN	
tg-TJ	
th-TH	
ti-ET	
tk-TM	
tl-PH	
tn-ZA	
то-ТО	
tr-TR	
ts-ZA	
tt-RU	
tw-GH	
uk-UA	
ur-PK	
uz-UZ	

Code Value	Description	
vi-VN		
wo-SN		
xh-ZA		
yo-NG		
zh-CN		
zu-ZA		

ContractLienInd

These field(s) use this type: **ContractLienInd.**

Indicates the vehicle has a lien or the contract was financed

Name	ContractLienInd	
Base XSD Type: string	Base XSD Type: string	
Code Value	Description	
0		
1		

ContractNote

These field(s) use this type: **ContractNote.**

Free form comments that relate to the contract

N	ame	ContractNote

Base XSD Type: string

ContractOptionCode

These field(s) use this type: **ContractOptionCode**.

Unique identifier for a plan option.

Name

ContractOptionCode

Base XSD Type: string

ContractOptionEndDate

These field(s) use this type: **ContractOptionEndDate.**

The date the contract option expires.

Name

ContractOptionEndDate

Base XSD Type: date

ContractOptionStartDate

These field(s) use this type: **ContractOptionStartDate.**

The date the contract option takes effect.

Name

ContractOptionStartDate

Base XSD Type: date

ContractOwnerName

These field(s) use this type: **ContractOwnerName.**

Name on service Contract (i.e., full name - First Last)

Name

ContractOwnerName

Base XSD Type: string

ContractPlanCode

These field(s) use this type: **ContractPlanCode**.

Contract Plan Code

Name

ContractPlanCode

Base XSD Type: string

ContractPlanStates

These field(s) use this type: **ContractPlanStates.**

States where the plan is valid

Name

ContractPlanStates

Base XSD Type: string

${\bf Contract Registration Date}$

These field(s) use this type: **ContractRegistrationDate.**

The day the contract is registered in the originating system. (Ex. The database system).

Name

ContractRegistrationDate

Base XSD Type: date

ContractStartDate

These field(s) use this type: **ContractStartDate.**

Contract sale Date

Name

ContractStartDate

Base XSD Type: date

ContractTransferInd

These field(s) use this type: **ContractTransferInd.**

Indicates if the contract is transferable

Name	ContractTransferInd		
Base XSD Type: strin	Base XSD Type: string		
Code Value	Description		
0			
1			

ContractTransferredInd

These field(s) use this type: **ContractTransferredInd.**

Indicates if the contract has been transferred

Name	ContractTransferredInd			
Base XSD Type: string	Base XSD Type: string			
Code Value	Description			
0				
1				

ContractTripInterruptInd

These field(s) use this type: ${\color{red} {\bf ContractTripInterruptInd.}}$

Indicates if the contract allows for trip interruption

Name	ContractTripInterruptInd
------	--------------------------

Base XSD	Type:	string
----------	-------	--------

- 100 -				
Code Value	Description			
0				
1				

ContractType

These field(s) use this type: **ContractType.**

Contract type and/or area of coverage

Name ContractType

Base XSD Type: string

Country

These field(s) use this type: **DealerCountry, DealerCountry, Country.**

Country in which the Address is in. Conforms to ISO 3166-2. AF -AFGHANISTAN AL -ALBANIA DZ -ALGERIA AS -AMERICAN SAMOA AD -ANDORRA AO -ANGOLA AI -ANGUILLA AQ -ANTARCTICA AG -ANTIGUA AND BARBUDA AR -ARGENTINA AM -ARMENIA AW -ARUBA AU -AUSTRALIA AT -AUSTRIA AZ -AZERBAIJAN BS -BAHAMAS BH -BAHRAIN BD -BANGLADESH BB -BARBADOS BY -BELARUS BE -BELGIUM BZ -BELIZE BJ -BENIN BM -BERMUDA BT -BHUTAN BO -BOLIVIA BA -BOSNIA AND HERZEGOVINA BW -BOTSWANA BV -BOUVET ISLAND BR -BRAZIL IO-BRITISH INDIAN OCEAN TERRITORY BN -BRUNEI DARUSSALAM BG -BULGARIA BF -BURKINA FASO BI -BURUNDI KH -CAMBODIA CM -CAMEROON CA -CANADA CV -CAPE VERDE KY -CAYMAN ISLANDS CF -CENTRAL AFRICAN REPUBLIC TD -CHAD CL -CHILE CN -CHINA CX -CHRISTMAS ISLAND CC -COCOS (KEELING) ISLANDS CO -COLOMBIA KM -COMOROS CG -CONGO CD -CONGO, THE DEMOCRATIC REPUBLIC OF THE CK -COOK ISLANDS CR -COSTA RICA CI -CÃ#Â#TE D'IVOIRE HR -CROATIA CU -CUBA CY -CYPRUS CZ -CZECH REPUBLIC DK -DENMARK DJ -DJIBOUTI DM -DOMINICA DO -DOMINICAN REPUBLIC EC -ECUADOR EG -EGYPT SV -EL SALVADOR GQ -EQUATORIAL GUINEA ER -ERITREA EE -ESTONIA ET -ETHIOPIA FK -FALKLAND ISLANDS (MALVINAS) FO -FAROE ISLANDS FJ -FIJI FI -FINLAND FR -FRANCE GF -FRENCH GUIANA PF -FRENCH POLYNESIA TF -FRENCH SOUTHERN TERRITORIES GA -GABON GM -GAMBIA GE -GEORGIA DE -GERMANY GH -GHANA GI -GIBRALTAR GR -GREECE GL -GREENLAND GD -GRENADA GP -GUADELOUPE GU -GUAM GT -GUATEMALA GN -GUINEA GW -GUINEA BISSAU GY -GUYANA HT -HAITI HM -HEARD ISLAND AND MCDONALD ISLANDS VA -HOLY SEE (VATICAN CITY STATE) HN -HONDURAS HK -HONG KONG HU -HUNGARY IS -ICELAND IN -INDIA ID -INDONESIA IR -IRAN, ISLAMIC REPUBLIC OF IQ -IRAQ

IE -IRELAND IL -ISRAEL IT -ITALY JM -JAMAICA JP -JAPAN JO -JORDAN KZ -KAZAKHSTAN KE -KENYA KI -KIRIBATI KP -KOREA. DEMOCRATIC PEOPLE'S REPUBLIC OF KR -KOREA, REPUBLIC OF KW -KUWAIT KG -KYRGYZSTAN LA -LAO PEOPLE'S DEMOCRATIC REPUBLIC LV -LATVIA LB -LEBANON LS -LESOTHO LR -LIBERIA LY -LIBYAN ARAB JAMAHIRIYA LI -LIECHTENSTEIN LT -LITHUANIA LU -LUXEMBOURG MO -MACAO MK -MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF MG -MADAGASCAR MW -MALAWI MY -MALAYSIA MV -MALDIVES ML -MALI MT -MALTA MH -MARSHALL ISLANDS MQ -MARTINIQUE MR -MAURITANIA MU -MAURITIUS YT -MAYOTTE MX -MEXICO FM -MICRONESIA. FEDERATED STATES OF MD -MOLDOVA. REPUBLIC OF MC -MONACO MN -MONGOLIA MS -MONTSERRAT MA -MOROCCO MZ -MOZAMBIQUE MM -MYANMAR NA -NAMIBIA NR -NAURU NP -NEPAL NL -NETHERLANDS AN -NETHERLANDS ANTILLES NC -NEW CALEDONIA NZ -NEW ZEALAND NI -NICARAGUA NE -NIGER NG -NIGERIA NU -NIUE NF -NORFOLK ISLAND MP -NORTHERN MARIANA ISLANDS NO -NORWAY OM -OMAN PK -PAKISTAN PW -PALAU PS -PALESTINIAN TERRITORY, OCCUPIED PA -PANAMA PG -PAPUA NEW GUINEA PY -PARAGUAY PE -PERU PH -PHILIPPINES PN -PITCAIRN PL -POLAND PT -PORTUGAL PR -PUERTO RICO OA -OATAR RE -RÃ#Â#UNION RO -ROMANIA RU -RUSSIAN FEDERATION RW -RWANDA SH -SAINT HELENA KN -SAINT KITTS AND NEVIS LC -SAINT LUCIA PM -SAINT PIERRE AND MIQUELON VC -SAINT VINCENT AND THE GRENADINES WS -SAMOA SM -SAN MARINO ST -SAO TOME AND PRINCIPE SA -SAUDI ARABIA SN -SENEGAL CS -SERBIA AND MONTENEGRO SC -SEYCHELLES SL -SIERRA LEONE SG -SINGAPORE SK -SLOVAKIA SI -SLOVENIA SB -SOLOMON ISLANDS SO -SOMALIA ZA -SOUTH AFRICA GS -SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS ES -SPAIN LK -SRI LANKA SD -SUDAN SR -SURINAME SJ -SVALBARD AND JAN MAYEN SZ -SWAZILAND SE -SWEDEN CH -SWITZERLAND SY -SYRIAN ARAB REPUBLIC TW -TAIWAN, PROVINCE OF CHINA TJ -TAJIKISTAN TZ -TANZANIA, UNITED REPUBLIC OF TH -THAILAND TL -TIMOR-LESTE TG - TOGO TK -TOKELAU TO -TONGA TT -TRINIDAD AND TOBAGO TN -TUNISIA TR -TURKEY TM -TURKMENISTAN TC -TURKS AND CAICOS ISLANDS TV -TUVALU UG -UGANDA UA -UKRAINE AE -UNITED ARAB EMIRATES GB -UNITED KINGDOM US -UNITED STATES UM -UNITED STATES MINOR OUTLYING ISLANDS UY -URUGUAY UZ -UZBEKISTAN VU -VANUATU VE -VENEZUELA VN -VIET NAM VG -VIRGIN ISLANDS. BRITISH VI -VIRGIN ISLANDS. U.S. WF -WALLIS AND FUTUNA EH -WESTERN SAHARA YE -YEMEN ZM -ZAMBIA ZW -ZIMBABWE

Name	Country
Base XSD Type: string	
Code Value	Description
US	
AF	
AL	
DZ	
AS	
AD	

Code Value	Description
AO	
AI	
AQ	
AG	
AR	
AM	
AW	
AU	
AT	
AZ	
BS	
вн	
BD	
ВВ	
BY	
BE	
BZ	
ВЈ	
BM	
BT	
ВО	
BA	

Code Value	Description	
BW		
BV		
BR		
IO		
BN		
BG		
BF		
BI		
КН		
CM		
CA		
CV		
KY		
CF		
TD		
CL		
CN		
CX		
CC		
СО		
KM		
CG		

Code Value	Description
CD	
CK	
CR	
CI	
HR	
CU	
СУ	
CZ	
DK	
DJ	
DM	
DO	
EC	
EG	
SV	
GQ	
ER	
EE	
ET	
FK	
FO	
FJ	

Code Value	Description
FI	
FR	
GF	
PF	
TF	
GA	
GM	
GE	
DE	
GH	
GI	
GR	
GL	
GD	
GP	
GU	
GT	
GN	
GW	
GY	
HT	
HM	

Code Value	Description	
VA		
HN		
нк		
HU		
IS		
IN		
ID		
IR		
IQ		
IE		
IL		
IT		
JM		
JP		
JO		
KZ		
KE		
KI		
KP		
KR		
KW		
KG		

Code Value	Description
LA	
LV	
LB	
LS	
LR	
LY	
LI	
LT	
LU	
MO	
MK	
MG	
MW	
MY	
MV	
ML	
MT	
MH	
MQ	
MR	
MU	
YT	

Code Value	Description	
MX		
FM		
MD		
MC		
MN		
MS		
MA		
MZ		
MM		
NA		
NR		
NP		
NL		
AN		
NC		
NZ		
NI		
NE		
NG		
NU		
NF		
MP		

Code Value	Description	
NO		
OM		
PK		
PW		
PS		
PA		
PG		
PY		
PE		
РН		
PN		
PL		
PT		
PR		
QA		
RE		
RO		
RU		
RW		
SH		
KN		
LC		

Code Value	Description
PM	
VC	
WS	
SM	
ST	
SA	
SN	
CS	
SC	
SL	
SG	
SK	
SI	
SB	
SO	
ZA	
GS	
ES	
LK	
SD	
SR	
SJ	

Code Value	Description
SZ	
SE	
СН	
SY	
TW	
ТЈ	
TZ	
ТН	
TL	
TG	
TK	
то	
TT	
TN	
TR	
TM	
TC	
TV	
UG	
UA	
AE	
GB	

Code Value	Description	
UM		
UY		
UZ		
VU		
VE		
VN		
VG		
VI		
WF		
ЕН		
YE		
ZM		
ZW		

County

These field(s) use this type: **County.**

Business party county location

Name County

Base XSD Type: string

CouponComment

These field(s) use this type: **CouponComment.**

Comments associated with the coupon (e.g., Please rotate tire to front left).

Name CouponComment

Base XSD Type: string

CoverageCode

These field(s) use this type: **CoverageCode.**

Identifies Service Contract coverage beyond plan code and contract type

Name CoverageCode

Base XSD Type: string

Currency

The ISO code identifying the type of currency in use.

Name	Currency	
Base XSD Type: string		
Code Value	Description	
USD		
ADP		
AED		
AFA		
ALL		
ANG		
AOK		
ARA		

Code Value	Description
ATS	
AUD	
AWG	
BBD	
BDT	
BEF	
BGL	
внр	
BIF	
BMD	
BND	
BOB	
BRC	
BSD	
BTN	
BUK	
BWP	
BZD	
CAD	
CHF	
CLF	
CLP	

Code Value	Description	
CNY		
COP		
CRC		
CSK		
CUP		
CVE		
СҮР		
DDM		
DEM		
DJF		
DKK		
DOP		
DZD		
ECS		
EGP		
ESP		
ЕТВ		
EUR		
FIM		
FKP		
FRF		
GBP		

Code Value	Description	
GHC		
GIP		
GMD		
GNF		
GRD		
GTQ		
GWP		
GYD		
HKD		
HNL		
HTG		
HUF		
IDR		
IEP		
ILS		
INR		
IQD		
IRR		
ISK		
ITL		
JMD		
JOD		

Code Value	Description
JPY	
KES	
KHR	
KMF	
KPW	
KRW	
KWD	
KYD	
LAK	
LBP	
LKR	
LRD	
LSL	
LUF	
LYD	
MAD	
MGF	
MNT	
MOP	
MRO	
MTL	
MUR	

Code Value	Description	
MVR		
MWK		
MXN		
MYR		
MZM		
NGN		
NIC		
NLG		
NOK		
NPR		
NZD		
OMR		
PAB		
PEI		
PGK		
РНР		
PKR		
PLZ		
PTE		
PYG		
QAR		
ROL		

Code Value	Description
RWF	
SAR	
SBD	
SCR	
SDP	
SEK	
SGD	
SHP	
SLL	
SKK	
SOS	
SRG	
STD	
SUR	
SVC	
SYP	
SZL	
ТНВ	
TND	
TOP	
TPE	
TRL	

Code Value	Description	
TTD	·	
TWD		
TZS		
UGS		
UYP		
VEB		
VND		
VUV		
WST		
YDD		
YER		
YUD		
ZAR		
ZRZ		
ZWD		
Other		

Date

Name Date

Base XSD Type: date

DateTime

These field(s) use this type: **CreationDateTime.**

Date and time conforms to ISO 8601 format rules without offset EX:2003-11-05T13:15:30Z

Name DateTime

Base XSD Type: dateTime

DBAName

These field(s) use this type: **<u>DBAName.</u>**

Doing Business As name.

Name DBAName

Base XSD Type: string

DealerInstallationInd

These field(s) use this type: **DealerInstallationInd.**

Indicates whether or not the dealership installed the part

Name DealerInstallationInd

Base XSD Type: string

Code Value Description

0

1

DealerName

These field(s) use this type: **DealerName.**

Dealer name

Name DealerName

Base XSD Type: string

DealerTransferDate

These field(s) use this type: **DealerTransferDate.**

Date transferred to retailing dealer

Name DealerTransferDate

Base XSD Type: date

Decimal

Decimal

Name Decimal

Base XSD Type: decimal

DelayedInspectionCode

These field(s) use this type: **DelayedInspectionCode**.

Explains why a vehicle cannot be initially inspected once it arrives at a dealer (ie: dealer closed, no one around to sign for vehicle)

Name DelayedInspectionCode

Base XSD Type: string

DeliveryDate

These field(s) use this type: **DeliveryDate.**

The date of original retail vehicle sale

Name DeliveryDate

Base XSD Type: date

DiscountRate

These field(s) use this type: **DiscountRate.**

The rate/service factor being discounted off the net lease rate due to lease being a single pay lease or some other special program.

Name DiscountRate

Base XSD Type: string

DistrictCode

These field(s) use this type: **DistrictCode.**

Manufacturer Assigned District Code

Name DistrictCode

Base XSD Type: string

DocumentDateTime

These field(s) use this type: **<u>DocumentDateTime.</u>**

Is the date and time the document was last created. This is not the date and time that the BOD message instance was created.

Name DocumentDateTime

Base XSD Type: dateTime

DoorKeyNumber

These field(s) use this type: **DoorKeyNumber.**

Door Key Number

Name DoorKeyNumber

Base XSD Type: string

DriverAction

These field(s) use this type: **<u>DriverAction</u>**, **<u>DriverAction</u>**.

Driver action (Ex: Drop-Off, Pick-Up, etc)

Name DriverAction

Base XSD Type: string

EmployeeDiscountInd

These field(s) use this type: **EmployeeDiscountInd.**

Indicates if this registration should apply OEM employee discount.

Name	EmployeeDiscountInd
Dana VOD Tumas atrias	

Base XSD Type: string

Code Value Description

0

1

EngineDisplacement

These field(s) use this type: $\underline{\textbf{EngineDisplacement.}}$

Displacement of engine (i.e., amount of volume in the cylinders)

Name	EngineDisplacement	
*Base XSD Type: string		
Code Value		Description
ci		ci - Cubic Inches
сс		cc - Cubic Centimeters
liters		liters
other		
N/A		Not Applicable

EngineNumber

These field(s) use this type: **EngineNumber.**

Serial number of the engine if vehicle not made for US sale

Name	EngineNumber
------	--------------

Base XSD Type: string

ExpirationDate

These field(s) use this type: **ExpirationDate, ExpirationDate, ExpirationDate.**

Expiration Date

Name ExpirationDate

Base XSD Type: date

ExteriorColor

These field(s) use this type: **ExteriorColor, ExteriorColor.**

Vehicle Exterior Color(s)

Name ExteriorColor

Base XSD Type: string

ExteriorColorCode

These field(s) use this type: **ExteriorColorCode.**

Vehicle exterior color code

Name ExteriorColorCode

Base XSD Type: string

FamilyName

These field(s) use this type: **FamilyName.**

Last Name of business party

Name FamilyName

Base XSD Type: string

FinalPaymentDate

These field(s) use this type: **FinalPaymentDate.**

Date that the final payment amount is due (e.g., Ballon, Fixed Value, Lease, etc.)

Name FinalPaymentDate

Base XSD Type: date

FinanceCompanyName

These field(s) use this type: **FinanceCompanyName.**

Name of Finance Company

Name FinanceCompanyName

Base XSD Type: string

FinanceType

These field(s) use this type: **FinanceType.**

Type of financing Examples may be F- Finance, L - Lease, C-Cash, 1-Retail, 2-Lease, 3-Balloon, etc.

Name FinanceType

Base XSD Type: string

FirstDayRentalInd

These field(s) use this type: **FirstDayRentalInd.**

If first day rental for service is covered in contract

Name FirstDayRentalInd

Base XSD Type: string

Code Value Description

0

1

FirstTimeBuyerInd

These field(s) use this type: $\underline{\textbf{FirstTimeBuyerInd.}}$

Identifies customer as first time buyer

Name	FirstTimeBuyerInd
Base XSD Type: string	
Code Value	Description
0	
1	

FleetAccount

These field(s) use this type: ${\color{red} \underline{FleetAccount}}, {\color{red} \underline{$

Manufacturer defined fleet account number

Name FleetAccount

Base XSD Type: string

FleetPurchaseOrderNumber

These field(s) use this type: **FleetPurchaseOrderNumber.**

Fleet Purchase Order Number vehicle was purchased under

Name FleetPurchaseOrderNumber

Base XSD Type: string

FormattedName

These field(s) use this type: **FormattedName.**

Full Name of business party. Format for name should be "First Last" with no commas between first and last name

Name FormattedName

Gender

These field(s) use this type: **Gender.**

Gender of party - M = Male, F = Female

Name	Gender	
Base XSD Type: string		
Code Value Description		
M	"M" = Modified	
F	Female	

GivenName

These field(s) use this type: **GivenName.**

First Name of business party

Name GivenName

Base XSD Type: string

HomeWork

Home or Work

Name	HomeWork	
Base XSD Type: string		
Code Value	Description	
Home	Home	
Work	Work	
Other	Other	

IgnitionKeyNumber

These field(s) use this type: **IgnitionKeyNumber.**

Vehicle Ignition Key Number

Name

IgnitionKeyNumber

Base XSD Type: string

Indicator

These field(s) use this type: **<u>DeliverPendingMailInd.</u>**

0 = No, 1 = Yes

Name

Indicator

Base XSD Type: string

Code Value

Description

0

1

InitiativeDate

These field(s) use this type: **InitiativeDate.**

The date the initiative was processed.

Name

InitiativeDate

Base XSD Type: date

InitiativeType

These field(s) use this type: **InitiativeType.**

Type of program - Incentive or program related initiatives

Name	InitiativeType	
Base XSD Type: string		
Code Value	Description	
Program	Program-related	initiative
Incentives	Incentive-related	d initiative
N/A	Not Applicable	
Other	Other	

InsuranceCompanyName

These field(s) use this type: **InsuranceCompanyName.**

Insurance company name

Name InsuranceCompanyName

Base XSD Type: string

InteriorColor

These field(s) use this type: **InteriorColor.**

Vehicle Interior Color(s)

Name InteriorColor

Base XSD Type: string

InteriorColorCode

These field(s) use this type: **InteriorColorCode.**

Vehicle Interior color code

Name

InteriorColorCode

Base XSD Type: string

IssuingState

These field(s) use this type: **IssuingState,IssuingState.**

Indicates that State where the license was issued.

Name

IssuingState

Base XSD Type: string

Language

These field(s) use this type: **Language, Language.**

Language conforms to ISO 639-2 rules. Note the format for this field is language-Country (see Country data type for the list of countries with definitions). AA "Afar", AB "Abkhazian", AF "Afrikaans", AM "Amharic", AR "Arabic", AS "Assamese", AY "Aymara", AZ "Azerbaijani", BA "Bashkir", BE "Byelorussian", BG "Bulgarian", BH "Bihari", BI "Bislama", BN "Bengali" "Bangla", BO "Tibetan", BR "Breton", CA "Catalan", CO "Corsican", CS "Czech", CY "Welsh", DA "Danish", DE "German", DZ "Bhutani", EL "Greek", EN "English" "American", ES "Spanish", ET "Estonian", EU "Basque", FA "Persian", FI "Finnish", FJ "Fiji", FO "Faeroese", FR "French", FY "Frisian", GA "Irish", GD "Gaelic" "Scots Gaelic", GL "Galician", GN "Guarani", GU "Gujarati", HA "Hausa", HI "Hindi", HR "Croatian", HU "Hungarian", HY "Armenian", IK "Inupiak", IN "Indonesian", IS "Icelandic", IT "Italian", IW "Hebrew", JA "Japanese", JI "Yiddish", JW "Javanese", KA "Georgian", KK "Kazakh", KL "Greenlandic", KM "Cambodian", KN "Kannada", KO "Korean", KS "Kashmiri", KU "Kurdish", KY "Kirghiz", LA "Latin", LN "Lingala", LO "Laothian", LT "Lithuanian", LV "Latvian" "Lettish", MG "Malagasy". MI "Maori", MK "Macedonian", ML "Malayalam", MN "Mongolian", MO "Moldavian", MR "Marathi", MS "Malay", MT "Maltese", MY "Burmese", NA "Nauru", NE "Nepali", NL "Dutch", NO "Norwegian", OC "Occitan", OM "Oromo" "Afan", OR "Oriya", PA "Punjabi", PL "Polish", PS "Pashto" "Pushto", PT "Portuguese", QU "Quechua", RM "Rhaeto-Romance", RN "Kirundi", RO "Romanian", RW "Kinyarwanda", SA "Sanskrit", SD "Sindhi", SG "Sangro", SH "Serbo-Croatian", SI "Singhalese", SK "Slovak", SL "Slovenian", SM "Samoan", SN "Shona", SO "Somali", SQ "Albanian", SR "Serbian", SS "Siswati", ST "Sesotho", SU "Sudanese", SV "Swedish", SW "Swahili", TA "Tamil", TE "Tegulu", TG "Tajik", TH "Thai", TI "Tigrinya", TK "Turkmen", TL "Tagalog", TN "Setswana", TO "Tonga", TR "Turkish", TS "Tsonga", TT "Tatar", TW "Twi", UK "Ukrainian", UR "Urdu", UZ "Uzbek", VI "Vietnamese". WO "Wolof", XH "Xhosa", YO "Yoruba", ZH "Chines

Name

Language

Code Value	Description
en-US	
en-CA	
aa-ET	
ab-GE	
af-ZA	
am- ET	
ar-SA	
as-IN	
ay-BO	
az-AZ	
ba-RU	
be-BY	
bg-BG	
bh-IN	
bi-VU	
bn-BD	
bo-BT	
br-FR	
ca-ES	
co-FR	
cs-CZ	

Code Value	Description
cy-GB	
da-DE	
de-DE	
dz-BT	
el-GR	
es-ES	
et-EE	
eu-ES	
fa-AF	
fi-FI	
fj-FJ	
fo-FO	
fr-CA	
fr-FR	
fy-NL	
ga-IE	
gd-GB	
gl-ES	
gn-PY	
gu-IN	
ha-NG	
hi-IN	

Code Value	Description
hr-HR	
hu-HU	
hy-AM	
ik-GL	
in-ID	
is-IS	
it-IT	
iw-IL	
ja-JP	
ji-IL	
jw-ID	
ka-GE	
kk-KZ	
kl-GL	
km-KH	
kn-IN	
ko-KP	
ko-KR	
ks-IN	
ku-IQ	
ky-CN	
la-VA	

Code Value	Description
ln-CD	
lo-LA	
lt-LT	
lv-LV	
mg-MG	
mi-NZ	
mk-MK	
ml-IN	
mn-MN	
mo-MO	
mr-IN	
ms-MY	
mt-MH	
my-MM	
na-NR	
ne-NP	
nl-NL	
no-NO	
oc-FR	
om- ET	
or-IN	
pa-IN	

Code Value	Description
pl-PL	
ps-PK	
pt-PT	
qu-PE	
rm-CH	
rn-BI	
ro-RO	
ru-RU	
rw-RW	
sa-IN	
sd-PK	
sg-CF	
sh-HR	
si-LK	
sk-SK	
sl-SI	
sm-WS	
sn-ZW	
so-SO	
sq-AL	
sr-CS	
ss-ZA	

Code Value	Description
st-ZA	
su-SD	
sv-SE	
sw-TL	
ta-IN	
te-IN	
tg-TJ	
th-TH	
ti-ET	
tk-TM	
tl-PH	
tn-ZA	
to-TO	
tr-TR	
ts-ZA	
tt-RU	
tw-GH	
uk-UA	
ur-PK	
uz-UZ	
vi-VN	
wo-SN	

Code Value	Description	
xh-ZA		
yo-NG		
zh-CN		
zu-ZA		

LeaseBuyMoneyFactor

These field(s) use this type: **LeaseBuyMoneyFactor.**

Lease Rate/Service Factor offered to the dealer by Finance Source.

Name LeaseBuyMoneyFactor

Base XSD Type: string

LicenseNumber

These field(s) use this type: **LicenseNumber.**

State License plate number of vehicle

Name LicenseNumber

Base XSD Type: string

LoanerVehicleInd

These field(s) use this type: **LoanerVehicleInd.**

Ioaner vehicle indicator

Name LoanerVehicleInd

Code Value	Description
0	
1	

LocationDescription

Location Description

Name LocationDescription

Base XSD Type: string

LowMileageOption

These field(s) use this type: **LowMileageOption.**

Indicates whether a customer chooses low mileage.

Name	LowMileageOption
Base XSD Type: string	
Code Value	Description
0	
1	

Make

These field(s) use this type: Make.

Vehicle make code - Usually available in the VIN number (use NCIC code).

Name Make	
-----------	--

Base XSD Type: string

Manufacturer

These field(s) use this type: Manufacturer, Manufacturer.

Manufacturer Name

Name Manufacturer

Base XSD Type: string

ManufacturerInstalledInd

These field(s) use this type: **ManufacturerInstalledInd.**

Indicates manufacturer-installed accessories

Name	ManufacturerInstalledInd
Base XSD Type: string	
Code Value	Description
0	
1	

MarketCode

These field(s) use this type: **MarketCode.**

A market code which designates the market area.

Name MarketCode

MarketingMailInd

These field(s) use this type: **MarketingMailInd**, **MarketingMailInd**.

Indicates customers whom have requested no marketing mail

Name	MarketingMailInd
Base XSD Type: string	
Code Value	Description
0	
1	

MasterShieldInd

These field(s) use this type: **MasterShieldInd.**

Indicates if vehicle is covered by the Master Shield Extended warranty

Name	MasterShieldInd
Base XSD Type: string	
Code Value	Description
0	
1	

MaturityDate

These field(s) use this type: **MaturityDate.**

Month and year of contract maturity

Name	MaturityDate
------	--------------

Base XSD Type: gYearMonth

MiddleName

These field(s) use this type: **MiddleName.**

Middle Initial of business party

Name MiddleName

Base XSD Type: string

MileageMeasure

M = Miles, K = KIlometers

Name	MileageMeasure
Base XSD Type: string	
Code Value	Description
M	"M" = Modified
K	Kilometers

MiscellaneousCode

These field(s) use this type: **MiscellaneousCode.**

Miscellaneous code

Name MiscellaneousCode

Base XSD Type: string

MiscellaneousNotes

These field(s) use this type: MiscellaneousNotes.

Free form miscellaneous comments

Name MiscellaneousNotes

Base XSD Type: string

Model

These field(s) use this type: **Model.**

Manufacturer-assigned model code of vehicle - Usually available in the VIN number (use NCIC code)

Name Model

Base XSD Type: string

ModelDescription

These field(s) use this type: **ModelDescription.**

Descriptive vehicle model name

Name ModelDescription

Base XSD Type: string

ModelYear

These field(s) use this type: **ModelYear.**

Vehicle designated model year

Name ModelYear

Base XSD Type: gYear

Name

These field(s) use this type: <u>Name, GivenName, Family Name, Formatted Name</u>.

Name of the Party.

Name Name

Base XSD Type: string

NoChargeInd

These field(s) use this type: **NoChargeInd.**

Indicates customer was not charged

Name	NoChargeInd
Base XSD Type: string	
Code Value	Description
0	
1	

NonUSVehicleInd

These field(s) use this type: **NonUSVehicleInd.**

Indicates whether the vehicle was produced for the United States or not

Name	NonUSVehicleInd
Base XSD Type: string	
Code Value	Description
0	
1	

Note

A free form note.

Name Note

Base XSD Type: string

OdometerStatus

These field(s) use this type: **OdometerStatus.**

Status of odometer at trade-in. Example:: Replaced, Tampered, Miles> 90,000, etc.

Name OdometerStatus

Base XSD Type: string

OptionName

These field(s) use this type: **OptionName.**

Name of vehicle option

Name OptionName

Base XSD Type: string

OptionNotes

These field(s) use this type: **OptionNotes.**

Free form text related to option

Name OptionNotes

OptionOrigin

These field(s) use this type: **OptionOrigin.**

Identifies the option installer

Name OptionOrigin

Base XSD Type: string

OptionSalesCode

These field(s) use this type: **OptionSalesCode.**

Further definition of accessories and option packages - Indicates whether ordered option, special package, standard, etc.

Name OptionSalesCode

Base XSD Type: string

OptionSecurityCode

These field(s) use this type: $\underline{\textbf{OptionSecurityCode.}}$

Security code to unlock option. (i.e, radio code)

Name OptionSecurityCode

Base XSD Type: string

OptionSerialNumber

These field(s) use this type: **OptionSerialNumber.**

Serial number of Option

Name OptionSerialNumber

OptionStockNumber

These field(s) use this type: **OptionStockNumber.**

Stock Number of Vehicle Option

Name OptionStockNumber

Base XSD Type: string

OriginalInServiceDate

These field(s) use this type: **OriginalInServiceDate.**

The date a used vehicle went in service

Name OriginalInServiceDate

Base XSD Type: date

OriginalLeaseRateMoneyFactor

These field(s) use this type: **OriginalLeaseRateMoneyFactor.**

The original lease factor before the discount rate for single payment.

Name OriginalLeaseRateMoneyFactor

Base XSD Type: string

PartType

These field(s) use this type: **PartType.**

Specifies whether the parts are indicated by manufacturer part code or Part Number - H = Manufacturer Part Code, P = Part Number

Name PartType

Code Value	Description
Н	Manufacturer Part Code
P	"P" = Pending

PaymentMethod

These field(s) use this type: **PaymentMethod.**

Indicates the method of payment (e.g., cash, credit card, etc.).

Name	PaymentMethod Payment Method	
*Base XSD Type: string		
Code Value		Description
Terms		Indicates that payment terms are provided.
COD		Cash On Delivery
Due On Receipt		Payment is due upon receipt of invoice.
Credit Card		Indicates that a credit card will be used as the method of payment.
Check		Indicates that a check will be used as the method of payment.
EFT		Electronic funds transfer.
Payroll Deduction		Indicates that a payment will be via deduction of an individual's payroll.
Cash		Indicates that cash will be used as the method of payment.
Finance		
Other		Other
N/A		Not Applicable
Exchange		Indicates the dealers intent to return parts in exchange for the monetary value of the order.

PDIDate

These field(s) use this type: **PDIDate.**

Date Pre-Delivery Inspection completed at dealership

Name

PDIDate

Base XSD Type: date

PortInstalledInd

These field(s) use this type: **PortInstalledInd.**

Indicates Port-installed accessories

Name	PortInstalledInd	
Base XSD Type: string		
Code Value	Desc	ription
0		
1		

PostalCode

These field(s) use this type: **PostalCode.**

Postal Code of the Address.

Name PostalCode

Base XSD Type: string

PreApprovedProgramName

These field(s) use this type: **PreApprovedProgramName.**

A text description of preapproval codes.

Name PreApprovedProgramName

Base XSD Type: string

PreferredContactMethod

These field(s) use this type: **PreferredContactMethod.**

Preferred contact method

Name	PreferredContactMethod PreferredContactMethod
Base XSD Type: string	
Code Value	Description
Day Phone	Day Phone
Evening Phone	Evening Phone
Cell Phone	Cell Phone
Work Fax	Work Fax
Home Fax	Home Fax
Pager	Pager
Work Email	Work Email
Home Email	Home Email
US Mail	US Mail
Other	Other
N/A	Not Applicable

${\bf Preferred Contact Method Organization}$

These field(s) use this type: **PreferredContactMethod.**

Preferred Contact Method Organization

Name	PreferredContactMethodOrganization
Base XSD Type: string	
Code Value	Description
Day Phone	Day Phone
Cell Phone	Cell Phone
Work Fax	Work Fax
Pager	Pager
Work Email	Work Email
US Mail	US Mail
Other	Other

PreferredLanguage

These field(s) use this type: **PreferredLanguage,PreferredLanguage.**

Preferred language

Name	PreferredLanguage
Base XSD Type: string	
Code Value	Description
en-US	
en-CA	
aa-ET	
ab-GE	

Code Value	Description
af-ZA	
am- ET	
ar-SA	
as-IN	
ay-BO	
az-AZ	
ba-RU	
be-BY	
bg-BG	
bh-IN	
bi-VU	
bn-BD	
bo-BT	
br-FR	
ca-ES	
co-FR	
cs-CZ	
cy-GB	
da-DE	
de-DE	
dz-BT	
el-GR	

Code Value	Description
es-ES	
et-EE	
eu-ES	
fa-AF	
fi-FI	
fj-FJ	
fo-FO	
fr-CA	
fr-FR	
fy-NL	
ga-IE	
gd-GB	
gl-ES	
gn-PY	
gu-IN	
ha-NG	
hi-IN	
hr-HR	
hu-HU	
hy-AM	
ik-GL	
in-ID	

Code Value	Description
is-IS	
it-IT	
iw-IL	
ja-JP	
ji-IL	
jw-ID	
ka-GE	
kk-KZ	
kl-GL	
km-KH	
kn-IN	
ko-KP	
ko-KR	
ks-IN	
ku-IQ	
ky-CN	
la-VA	
ln-CD	
lo-LA	
lt-LT	
lv-LV	
mg-MG	

Code Value	Description
mi-NZ	
mk-MK	
ml-IN	
mn-MN	
mo-MO	
mr-IN	
ms-MY	
mt-MH	
my-MM	
na-NR	
ne-NP	
nl-NL	
no-NO	
oc-FR	
om- ET	
or-IN	
pa-IN	
pl-PL	
ps-PK	
pt-PT	
qu-PE	
rm-CH	

Code Value	Description
rn-BI	
ro-RO	
ru-RU	
rw-RW	
sa-IN	
sd-PK	
sg-CF	
sh-HR	
si-LK	
sk-SK	
sl-SI	
sm-WS	
sn-ZW	
so-SO	
sq-AL	
sr-CS	
ss-ZA	
st-ZA	
su-SD	
sv-SE	
sw-TL	
ta-IN	

Code Value	Description
te-IN	
tg-TJ	
th-TH	
ti-ET	
tk-TM	
tl-PH	
tn-ZA	
to-TO	
tr-TR	
ts-ZA	
tt-RU	
tw-GH	
uk-UA	
ur-PK	
uz-UZ	
vi-VN	
wo-SN	
xh-ZA	
yo-NG	
zh-CN	
zu-ZA	

PrimaryContactInd

These field(s) use this type: **PrimaryContactInd.**

Indicates if contact is primary contact

Name	PrimaryContactInd
Base XSD Type: string	
Code Value	Description
0	
1	

PrimaryDriverInd

These field(s) use this type: **PrimaryDriverInd,PrimaryDriverInd.**

Identifies customer as primary driver.

Name	PrimaryDriverInd
Base XSD Type: string	
Code Value	Description
0	
1	

PrivacyInd

These field(s) use this type: **PrivacyInd.**

Indicator to note that Business Party has requested to share or to not share information with third parties.

Name	PrivacyInd
------	------------

Base XSD Type: string

Code Value	Description
0	
1	

PrivacyType

These field(s) use this type: **PrivacyType.**

Code identifying a Party's authorized privacy rights.

Name PrivacyType

Base XSD Type: string

PromotionalRateInd

These field(s) use this type: **PromotionalRateInd.**

Promotional rate was used

Name	PromotionalRateInd Promotional RateInd Promotion RateInd Rat
Base XSD Type: string	
Code Value	Description
0	
1	

ReceiptNumber

These field(s) use this type: **ReceiptNumber.**

Numeric identifier found on the carrier's receipt when a vehicle is delivered to the dealer

Name

ReceiptNumber

Base XSD Type: string

Reference

These field(s) use this type: **ReferenceId.**

Reference notation

Name

Reference

Base XSD Type: string

ReferenceNumber

Reference number

Name

ReferenceNumber

Base XSD Type: string

ReimbursementComment

These field(s) use this type: **ReimbursementComment.**

Reimbursement dealer comments

Name

ReimbursementComment

Base XSD Type: string

ReimbursementPayee

These field(s) use this type: **ReimbursementPayee.**

Indicates who is paid

Name ReimbursementPayee

Base XSD Type: string

RelationshipCode

These field(s) use this type: **RelationshipCode**, **RelationshipCode**.

Indicates the Business Party's relationship to the primary Party (e.g., mother, father, husband, etc.).

Name RelationshipCode

Base XSD Type: string

RestrictionInd

These field(s) use this type: **RestrictionInd.**

Indication that vehicle has restrictions on its use

Name RestrictionInd

Base XSD Type: string

Code Value Description

0

1

RoadHazardInd

These field(s) use this type: **RoadHazardInd.**

Indicates whether Roadside hazard is covered in the contract

Name RoadHazardInd

Base XSD Type: string

Code Value	Description
0	
1	

RoadsideAssistanceInd

These field(s) use this type: **RoadsideAssistanceInd,RoadsideAssistanceInd.**

Indicates whether coverage includes roadside assistance

Name	RoadsideAssistanceInd	
Base XSD Type: string		
Code Value	Description	
0		
1		

SaleCategory

These field(s) use this type: **SaleCategory.**

Category of sale

Name SaleCategory

Base XSD Type: string

SaleClass

These field(s) use this type: **SaleClass.**

Class of sale.

Name	SaleClass	
Base XSD Type: strir	ng	
Code Value		Description
New		Never owned.
Used		Previously Owned
Demo		Demonstration item.
Other		Other
N/A		Not Applicable
Floor Sample		This is a vehicle that is provided in the showroom as an example.
Factory		Identifies that the vehicle may have been used as a product demonstration for an official or executive from the manufacturer.

SalesDate

These field(s) use this type: **SalesDate.**

Date sales paperwork signed

Name	SalesDate

Base XSD Type: date

SaleSubCategory

These field(s) use this type: **SaleSubCategory.**

Code to extend the category of sale

Name	SaleSubCategory
------	-----------------

Base XSD Type: string

Salutation

These field(s) use this type: **Salutation.**

Title or greeting of business party

Name Salutation

Base XSD Type: string

SecondaryPassword

These field(s) use this type: **SecondaryPassword.**

Secondary password used to validate access to the dealer information

Name SecondaryPassword

Base XSD Type: string

SecurityCode

These field(s) use this type: **SecurityCode.**

Vehicle security code for entry or backup security

Name SecurityCode

Base XSD Type: string

SellingSource

These field(s) use this type: **SellingSource.**

Code to determine souce brand of sale (i.e., OEM division)

Name

SellingSource

Base XSD Type: string

SerialNumber

Serial Number

Name

SerialNumber

Base XSD Type: string

ShortMfg

These field(s) use this type: **SenderNameCode, DestinationNameCode.**

Short Manfacturer or RSP Codes

Name

ShortMfg

Base XSD Type: string

SortName

These field(s) use this type: **SortName.**

Index name used as a sort for report purposes

Name

SortName

Base XSD Type: string

SpecialPrograms

These field(s) use this type: **SpecialPrograms**, **SpecialPrograms**.

Code identifying the type of special program (First Time Buyer, College Graduate, etc.

Name SpecialPrograms

Base XSD Type: string

StateOrProvince

These field(s) use this type: **StateOrProvince.**

Is the State or Province of a given Address.

Name StateOrProvince

Base XSD Type: string

StatusCode

These field(s) use this type: **StatusCode.**

A code identifying the reason for the status message.

Name	StatusCode	
Base XSD Type: string		
Code Value	Description	
Success	The operation completed successfully. This does not necessarily mean that the B was processed. Instead it means that the client's role is done and that it won't recany error messages later. Type of Response Code: Success.	
Unspecified	An unspecified error occurred. The StatusText field contains the complete text.	
Not In Inventory	Inventory is not currently available and back ordering was not requested.	
Discontinued	The part has discontinued.	
Invalid Part	Invalid part number.	
Not Yet Available	The part is scheduled for a future release date and is not available at this time.	
Not Authorized	The part is not authorized for your product line.	

Code Value	Description
Under Development	The part is under development and not ready for sale.
Assembly Only	The part is a component part and is only available as an assembly.
Component Only	The part is an assembly part and is only available as a component.
Internal Use Only	The part is reserved for manufacturing and supplier internal use; it is not a service replacement part.
Recalled	The part has been recalled.
Cannot Sell	The part is not available for sale for an unspecified reason.
Export Only	The part is not available for sale in the United States; it is for export vehicles only.
Credit Limit Exceeded	Credit limit exceeded.
Credit Card Denied	Credit card transaction denied by creditor.
Account On Hold	The dealer's account has been put on hold.
Invalid Unit Of Measure	The unit of measurement was invalid for this part number.
Invalid Promotion Code	The promotion code is invalid.
Invalid Shipping Method	The shipping method is invalid, for example, shipping by ground to Puerto Rico.
Duplicate Line Number	The line number is the same as another line within this transaction.
No Drop Shipment	Drop shipments are not allowed.
No Will Call	Will-call pickups are not allowed.
Minimum Quantity Not Met	There is a minimum quantity purchase requirement for this part and the quantity has not been met. The minimum quantity is: NN
Other	Other
N/A	Not Applicable

StatusText

These field(s) use this type: **StatusText.**

Descriptive status text.

Name StatusText

Base XSD Type: string

StatusType

These field(s) use this type: **StatusType.**

Defines the type of status that occurred. EX: S-Success, E-Error, I-Info, A-Abort

Name	StatusType	
Base XSD Type: str	ing	
Code Value		Description
Success		The operation completed successfully. This does not necessarily mean that the BOD was processed. Instead it means that the client's role is done and that it won't receive any error messages later. Type of Response Code: Success.
Error		The operation resulted in error and did not succeed.
Warning		The operation completed a warning.
Informational		The provided StatusText is informational.
Other		Other
N/A		Not Applicable

SubventionCode

These field(s) use this type: **SubventionCode.**

Identifies a subvention program

Name	SubventionCode
------	----------------

Base XSD Type: string

Suffix

These field(s) use this type: **Suffix.**

Business Party name suffix designation if individual Ex: Sr, Jr, III, etc.

Name Suffix

Base XSD Type: string

SystemVersion

These field(s) use this type: **SystemVersion.**

The sender's software version number.

Name SystemVersion

Base XSD Type: string

TaxabilityInd

These field(s) use this type: **TaxabilityInd.**

Determines whether an item or amount is taxable.

Name	TaxabilityInd	
Base XSD Type: string		
Code Value	Description	
0		
1		

TaxType

These field(s) use this type: **TaxType.**

Tax Type

Name	TaxType TaxType
Base XSD Type: string	
Code Value	Description
Total	
Amount	
Labor	
Parts	
Claim	
Dealer	Dealer
Deductible	
Prorated	
Other	Other
Luxury	
Vehicle Inventory	
Taxes Not In Cash Price	
Document Stamp	
Sales	
Tire	
Personal Property	
Registration	

Code Value	Description
Monthly/Use	
Weight	
Adjustment	
DownPayment	
CapCostReduction	
Lieu	
CurrentYear	
N/A	Not Applicable
LocalOption	Tennessee Tax - combination of city and county.
SingleArticle	Tennessee Tax - State Tax
Gas	Gas tax levied to applicable vehicles or by state/province law. (Referred to in US as "Gas Guzzler" tax).
Total Monthly/Use	The total amount of monthly use tax for a payment on a contract.
Service Contract	Tax charged on service contracts (where applicable).
Adjusted Sales	Adjusted sales tax due to tax modifications when capitalized (i.e. NY)
Total Sales/Use	The total amount of sales/use tax for a single payment contract.
Air Conditioning Excise	Provincal tax providing for the installation or removal of freon. (Canada)
Purchase and Use	A type of tax that is assessed upon "tax free" tangible personal property purchased by a resident of the assessing state for use, storage or consumption of goods in that state (not for resale), regardless of where the purchase took place. The tax is a one time retail tax due at registration or titling of a vehicle.
County Tax	A county tax charged based on the location of the dealer and the customer. An example, The Cook County Tax.
General Excise	This is a general excise tax that a state or region could impose.

Code Value	Description
Gross Receipt	A gross receipts tax, sometimes referred to as a gross excise tax, is a tax on the total gross revenues of a company, regardless of their source.
Tax on Trade-In	Tax due on a trade-in vehicle.
Tax on Upfront Fees	Total tax due on fees paid upfront.
Tax on Acquisition Fee	Tax due on amount of acquisition fee.
Environmental Tax	Environmental Levy / Tax.
Motor Vehicle Tax	Tax paid at of registration based on the vehicle's age and MSRP.
Wheel Tax	A tax levied by cities and villages to be credited to a road fund of the city or village

TaxTypeld

These field(s) use this type: **TaxTypeId.**

CS - City, CP - County, ST - State, OT - Other, EX - Excise, VAT - Value Added Tax, PST - Provincial Sales Tax , RT - Rental, GST - Goods and Services Tax, HST - Harmonized Tax, ART - Air Tax, QST - Quebec Sales Tax, IMP - Import Tax

Name	TaxTypeld
Base XSD Type: string	
Code Value	Description
CS	City
СР	County
ST	State
OT	"OT" = Other
EX	Excise
VAT	Value Added
PST	Provincial Sales Tax

Code Value	Description	
RT	Rental	
GST	Goods and Services Tax	
HST	Harmonized Tax	
ART	Air Tax	
QST	Quebec Sales Tax	
IMP	Import Tax	

TeamName

These field(s) use this type: **TeamName.**

Name of team

Name TeamName

Base XSD Type: string

TechnicianName

These field(s) use this type: **TechnicianName.**

Name of technician

Name TechnicianName

Base XSD Type: string

TechnicianSkillArea

These field(s) use this type: **TechnicianSkillArea**.

Type of training required to perform the labor operation

Name TechnicianSkillArea

Base XSD Type: string

TechnicianSkillLevel

These field(s) use this type: **TechnicianSkillLevel.**

Level of training required to perform the labor operation

Name TechnicianSkillLevel

Base XSD Type: string

TelematicsServiceInd

These field(s) use this type: **TelematicsServiceInd.**

Indication whether Telematics Service Subscription is turned on

Name TelematicsServiceInd

Base XSD Type: string

Code Value Description

0

1

TermLength

Term Length

Name TermLength

Code Value	Description
Months	Months
Weeks	Weeks
Years	Years

Text

These field(s) use this type:

 $\underline{CreatorNameCode, StoreNumber, AreaNumber, Password, DestinationSoftwareCode, DestinationSoftware, StoreNumber, AreaNumber, Logical Id, Component, Toucher, Component, Compon$

Indicates generic text type

Name Text

Base XSD Type: string

TireLocation

These field(s) use this type: **TireLocation.**

Location of tire on vehicle (i.e., Front Passenger, Front Driver, Rear Passenger, etc)

Name TireLocation

Base XSD Type: string

TireSerialNumber

These field(s) use this type: **TireSerialNumber.**

Tire Serial Number

Name TireSerialNumber

TradeInOffLeaseCode

These field(s) use this type: **TradeInOffLeaseCode.**

Indicates if a vehicle is a trade-in or is coming off lease. Ex: T or O

Name TradeInOffLeaseCode

Base XSD Type: string

TransmissionCode

These field(s) use this type: **TransmissionCode.**

Transmission Serial Number

Name TransmissionCode

Base XSD Type: string

TransmissionType

These field(s) use this type: $\underline{\textbf{TransmissionType.}}$

Vehicle Transmission type - 3 = 3 speed, 4 = 4 speed, 5 = 5 speed, 6 = 6 speed, A - Automatic

Code Value	Description
3	3 Speed
4	4 Speed
5	5 Speed
6	6 Speed
A	"A" = Automatic

C. I. W.I.	
Code Value	Description
Automatic 3	Automatic 3 speed transmission type
Automatic 4	Automatic 4 speed transmission type
Automatic 5	Automatic 5 speed transmission type
Automatic 6	Automatic 6 speed transmission type
Automatic 7	Automatic 7 speed transmission type
7	7 Speed
CVT Automatic 3	Continuously Variable T ransmission Automatic 3 speed transmission type (natural gas and hybrid).
CVT Automatic 4	Continuously Variable T ransmission Automatic 4 speed transmission type (natural gas and hybrid).
CVT Automatic 5	Continuously Variable T ransmission Automatic 5 speed transmission type (natural gas and hybrid).
CVT Automatic 6	Continuously Variable T ransmission Automatic 6 speed transmission type (natural gas and hybrid).
CVT Automatic 7	Continuously Variable T ransmission Automatic 7 speed transmission type (natural gas and hybrid).
M	M = Manual

TrimCode

These field(s) use this type: **TrimCode.**

Manufacturer assigned trim code

Name TrimCode

Type

Type

Name Type

Base XSD Type: string

UrbanizationCode

These field(s) use this type: <u>UrbanizationCode</u>, <u>UrbanizationCode</u>.

Geographic definition of a metropolitan or suburban area

Name UrbanizationCode

Base XSD Type: string

URI

These field(s) use this type: **SenderURI, Destination URI, URI.**

URI

Name URI

Base XSD Type: anyURI

VehicleArrivalDate

These field(s) use this type: **VehicleArrivalDate.**

The Date the original retail vehicle is delivered to a dealer

Name VehicleArrivalDate

Base XSD Type: date

VehicleDemoInd

These field(s) use this type: **VehicleDemoInd.**

Indicates whether vehicle was ever a demo

Name	VehicleDemoInd
Base XSD Type: string	
Code Value	Description
0	
1	

VehicleNote

These field(s) use this type: **VehicleNote.**

Any vehicle related notes

Name VehicleNote

Base XSD Type: string

VehicleStock

These field(s) use this type: **VehicleStock.**

Dealer assigned vehicle stock number

Name VehicleStock

Base XSD Type: string

VIN

These field(s) use this type: **VIN,VIN.**

Federally defined 17 position vehicle identification number

Name VIN

Base XSD Type: string

WarrantyExpirationDate

These field(s) use this type: **WarrantyExpirationDate.**

Last Date of vehicle warranty coverage for warranty currently in force at time of repair

Name WarrantyExpirationDate

Base XSD Type: date

WarrantyNotes

These field(s) use this type: WarrantyNotes.

Any Warranty related Notes

Name WarrantyNotes

Base XSD Type: string

WarrantyRemaining

These field(s) use this type: WarrantyRemaining.

Defines how much warranty is left, either in time or miles

Name WarrantyRemaining

Base XSD Type: string

WarrantyStartDate

These field(s) use this type: WarrantyStartDate.

Start Date of vehicle warranty

Name WarrantyStartDate

Base XSD Type: date

WarrantyStatus

These field(s) use this type: WarrantyStatus.

Whether warranty is still applicable

Name WarrantyStatus

Base XSD Type: string

WarrantyTransferInd

These field(s) use this type: WarrantyTransferInd.

Indicates if warranty is transferable

Base XSD Type: string

Code Value Description

0

1

Year

Year

Name	Year					
------	------	--	--	--	--	--

Base XSD Type: gYear

ZoneCode

These field(s) use this type: **ZoneCode.**

Manufacturer Assigned Zone Code

Name ZoneCode

Fields and Global Attributes

Global declarations are items such as elements, attribute groups, and group definitions. These items are not defined within any particular component. A component may reference these definitions. Within a STAR XML Schemas these are typically known as global fields.

ApplicationArea

These field(s) use this type: **ApplicationArea**.

Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.

Provides the information that an application may need to know in order to communicate in an integration of two or more business applications. The ApplicationArea is used at the applications layer of communication. While the integration frameworks web services and middleware provide the communication layer that OAGIS operates on top of.

Name	ApplicationArea
Туре	ApplicationArea
Nillable	no
Abstract	no

XML Instance Representation

Cancel

These field(s) use this type: $\underline{Cancel.}$

The Cancel verb is used when the sender of the BOD is not the owner of the data, but is sending a request for the document to be canceled. An example is the Cancel PO where the business implications must be calculated and a simple data processing term such as delete can not fully convey the business meaning and required processing associated with the meaning.

Name	Cancel
Туре	Cancel
Nillable	no
Abstract	no

XML Instance Representation

<Cancel confirm="ConfirmType [0..1]"/>

CancelRetailDeliveryReporting

These field(s) use this type: **CancelRetailDeliveryReporting.**

Name	CancelRetailDeliveryReporting
Туре	CancelRetailDeliveryReporting
Nillable	no
Abstract	no

XML Instance Representation

Header

Name	Header
Туре	RetailDeliveryReportingHeader
Nillable	no
Abstract	no

XML Instance Representation

```
<Header>
 <DocumentDateTime> DocumentDateTime </DocumentDateTime> [0..1]
 <SecondaryPassword> SecondaryPassword </SecondaryPassword> [0..1]
 <SecondaryDealerNumber> SecondaryDealerNumber </SecondaryDealerNumber> [0..1]
 <DocumentId> DocumentId </DocumentId> [0..1]
 <SalesDate > SalesDate > [0..1]
 <DealerTransferDate> DealerTransferDate /DealerTransferDate> [0..1]
 <AcquisitionMethod> AcquisitionMethod </AcquisitionMethod> [0..1]
 <SaleCategory > SaleCategory </SaleCategory > [0..1]
 <SaleSubCategory > SaleSubCategory </SaleSubCategory> [0..*]
 <TransferringDealer> RDRDealerExtendedAddress 
/TransferringDealer> [0..1]
 <SalesPerson> SalesPersonAddress </SalesPerson> [0..*]
 <SalesManager> SalesPersonParty </SalesManager> [0..1]
 <FIManager> SalesPersonParty </FIManager> [0..1]
 <SellingSource> SellingSource </SellingSource> [0..1]
 <IndividualBuyer> IndividualBuyerPartyExtended </IndividualBuyer> [0..1]
 <OrganizationalBuyer> OrganizationalBuyerPartyExtended </OrganizationalBuyer> [0..1]
 <IndividualCo-Buyer> IndividualBuyerParty </IndividualCo-Buyer> [0..*]
 <OrganizationalCo-Buyer> OrganizationalBuyerParty </organizationalCo-Buyer> [0..*]
 <PrimaryDriver> IndividualBuyerParty </primaryDriver> [0..1]
 <SecondaryDriver> IndividualBuyerParty </SecondaryDriver> [0..*]
 <Financing> SoldFinancing </Financing> [0..1]
 <TradeIn> TradeIn </TradeIn> [0..*]
 <LocationId> LocationId </LocationId> [0..1]
</Header>
```

RetailDeliveryReporting

These field(s) use this type: **RetailDeliveryReporting.**

Name	RetailDeliveryReporting
Туре	RetailDeliveryReporting
Nillable	no
Abstract	no

XML Instance Representation

```
<RetailDeliveryReporting>
  <Header> ... </Header> [1]
  <Vehicle> ... </Vehicle> [0..*]
  </RetailDeliveryReporting>
```

Vehicle

Name	Vehicle
Туре	SoldVehicle
Nillable	no
Abstract	no

XML Instance Representation

```
< VehicleNote > VehicleNote < / VehicleNote > [0..*]
<VIN> VIN </VIN> [0..1]
<DeliveryMileage> DeliveryMileage </DeliveryMileage> [0..1]
< VehicleStock > VehicleStock < / VehicleStock > [0..1]
<TrimCode> TrimCode </TrimCode> [0..1]
<DoorsQuantity> DoorsQuantity /DoorsQuantity> [0..1]
<BodyStyle> BodyStyle </BodyStyle> [0..1]
<InteriorColor> InteriorColor </InteriorColor> [0..*]
< Exterior Color > Exterior Color < / Exterior Color > [0..*]
<TransmissionType> TransmissionType </TransmissionType> [0..1]
<OdometerStatus> OdometerStatus </OdometerStatus> [0..1]
<NonUSVehicleInd> NonUSVehicleInd </NonUSVehicleInd> [0..1]
<VehicleDemoInd> VehicleDemoInd </VehicleDemoInd> [0..1]
<LicenseNumber> LicenseNumber </LicenseNumber> [0..1]
<BrandedInfo> BrandedInfo </BrandedInfo> [0..1]
<RestrictionInd> RestrictionInd </RestrictionInd> [0..1]
<RestrictionDescription> RestrictionDescription </RestrictionDescription> [0..1]
<TelematicsServiceInd> TelematicsServiceInd </TelematicsServiceInd> [0..1]
<Option> ExpandedOption </Option> [0..*]
<TransmissionCode> TransmissionCode </TransmissionCode> [0..1]
<DeliveryDate> DeliveryDate /DeliveryDate> [0..1]
< Engine Number > Engine Number < / Engine Number > [0..1]
<IgnitionKeyNumber> IgnitionKeyNumber </IgnitionKeyNumber> [0..1]
<AxleCode> AxleCode </AxleCode> [0..1]
<FleetAccount> FleetAccount /FleetAccount> [0..1]
<FleetVehicleId> FleetVehicleId /FleetVehicleId> [0..1]
<FleetPurchaseOrderNumber> FleetPurchaseOrderNumber </FleetPurchaseOrderNumber> [0..1]
<DoorKeyNumber> DoorKeyNumber DoorKeyNumber> [0..1]
<VehicleWeight> VehicleWeight </VehicleWeight> [0..1]
<ExteriorColorCode> ExteriorColorCode </ExteriorColorCode> [0..*]
<InteriorColorCode> InteriorColorCode </InteriorColorCode> [0..*]
<PDIDate > PDIDate </PDIDate > [0..1]
< RegistrationState > RegistrationState < / RegistrationState > [0..1]
<SecurityCode> SecurityCode </SecurityCode> [0..1]
<Warranty> WarrantyAdditional </Warranty> [0..*]
<ServiceContract> SoldServiceContract </ServiceContract> [0..*]
<PDITechnician> ServiceTechnician </PDITechnician> [0..1]
```

```
<MarketingInitiatives> MarketingInitiatives </MarketingInitiatives> [0..*]
<Tire> Tire </Tire> [0..*]
<EngineDisplacement> EngineDisplacement </EngineDisplacement> [0..1]
<EngineDescription> EngineDescription </EngineDescription> [0..1]
<CommercialUsageInd> CommercialUsageInd </CommercialUsageInd> [0..1]
</Vehicle>
```

Verb

These field(s) use this type: **Verb.**

Name	Verb
Туре	Verb
Nillable	no
Abstract	yes

XML Instance Representation

<Verb/>